

## **APPENDIX A**

**Notice of Preparation (NOP), Comment Letters on the NOP, and  
Distribution List**



## **NOTICE OF PREPARATION OF A SUPPLEMENTAL ENVIRONMENTAL IMPACT REPORT**

The Palm Springs Unified School District (District) is proposing to install new field lighting at Rancho Mirage High School playing fields. These fields are used for football, soccer, lacrosse, and other school activities. The proposed lighting improvements would be located on all fields on the north, west, and southwest areas of the campus. In accordance with CEQA Guidelines Section 15163, the District as Lead Agency has determined that a focused Supplemental Environmental Impact Report (SEIR) will be prepared.

California Environmental Quality Act requires an objective, public process where public agencies address and disclose the potential environmental effects of projects under consideration. One of the methods used to inform the public and decisionmakers of potential environmental harm is the preparation of an environmental impact report (EIR), which is circulated for public review to allow comments and input by public agencies, interested parties and the public. An EIR is a detailed statement that describes and analyzes a project's potential significant environmental impacts and proposes ways to mitigate or avoid the negative effects.

**PROJECT TITLE:** Rancho Mirage High School Field Lighting Project

**PROJECT LOCATION:** The Project site is located at the existing sport fields at Rancho Mirage High School (RMHS), at 31001 Rattler Road, Rancho Mirage, CA. Specifically, the High School is located northeast of the intersection of Ramon Road and Da Vall Drive, east of Rattler Road, in the City of Rancho Mirage and County of Riverside, California, as shown in **Figure 1, Project Location Map**. The sport fields are located to the north, west, and southwest on the campus.

**PROJECT DESCRIPTION:** The District is proposing field lighting improvements at RMHS around the perimeter of the fields, as shown in **Figure 2, Project Site**.

The proposed lighting improvements of the athletic fields was prompted by the passage of Senate Bill (SB) 328, which requires high schools to start no earlier than 8:30 A.M. SB 328 affects sports activities which would require the athletic fields be lighted for evening use. The proposed lights would safely allow use of the athletic fields into the evening hours and the design meets the California Interscholastic Federation (CIF) recommended lighting levels.

The proposed Project is intended to expand the timing and use of the existing facilities for several sports (Baseball, Softball, and Soccer). By allowing evening-hour use, the high school would provide enhanced opportunities for students to participate in school-sponsored sports while RMHS student-athletes, students, and all other attendees of nighttime games and practices.

The proposed lighting improvements would include lighting fixtures on poles ranging in height from 50 feet to 100 feet tall for the baseball, softball, and soccer fields, as shown in **Figure 3, Conceptual Project Rendering**. The lighting improvements would occur on the Varsity Baseball Field, Junior Varsity (JV) Baseball Field, Varsity Softball Field, JV Softball Field, Practice Field South, Practice Field North, Soccer Field 1, and Soccer Field 2.

Construction activities would occur for approximately 6 to 9 months and would include the use of equipment such as backhoes, trenching machines and cranes.

#### **ENVIRONMENTAL IMPACTS:**

The Supplemental EIR is focused on those effects that relate to the proposed improvements and is tiered of the original for RMHS certified by the District on January 9, 2007 (SCH No. 2006011095). As noted in the CEQA Guidelines Section 15163(b), (b), the supplement to the EIR need contain only the information necessary to make the previous EIR adequate for the project as revised.

The Supplemental EIR will evaluate the following impacts that would result from the proposed project:

- Aesthetics (Add Lighting to the Existing Lighted Campus Environment);
- Air Quality (Potential Effects on surrounding air quality during construction);
- Biological Resources (Potential Effects on Special-Status Species);
- Cultural Resources (Potential to Accidentally Discover Unknown Buried Historic Resources or Unique Archaeological Resources; Possibility of an Accidental Discovery of Human Remains);
- Greenhouse Gas Emissions (Construction Activities Could Cause a Substantial Temporary Emissions Increase);
- Noise (Construction Activities Could Cause a Substantial Temporary Noise Increase); and
- Transportation (Inadequate Parking During Limited Nighttime Events with Potential Emergency Access Issues).

**SCOPING MEETING:** The District will hold a scoping meeting on April 26th, 2023, at the Cafeteria at Rancho Mirage High School at 31001 Rattler Road, Rancho Mirage, California starting at approximately 6:00 PM to address community comments and questions for the project.

**COMMENTS:** The period for agencies and members of the public to submit comments will be for 30 days commencing on March 27, 2023, and ending at 5:00 PM on April 26, 2023.

Written comments only need to be sent to District at the following address:

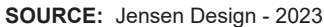
Palm Springs Unified School District  
Facilities Planning & Development Department  
150 District Center Drive  
Palm Springs, CA 92264  
Contact: Julie Arthur, Executive Director

Comments may also be sent by email to [facilitiesplanning@psusd.us](mailto:facilitiesplanning@psusd.us).

Please put **"Rancho Mirage High School Field Lighting Project"** in the subject line.

Date: 3-21-23

  
\_\_\_\_\_  
Julie Arthur  
Executive Director of Facilities Planning  
Palm Springs Unified School District



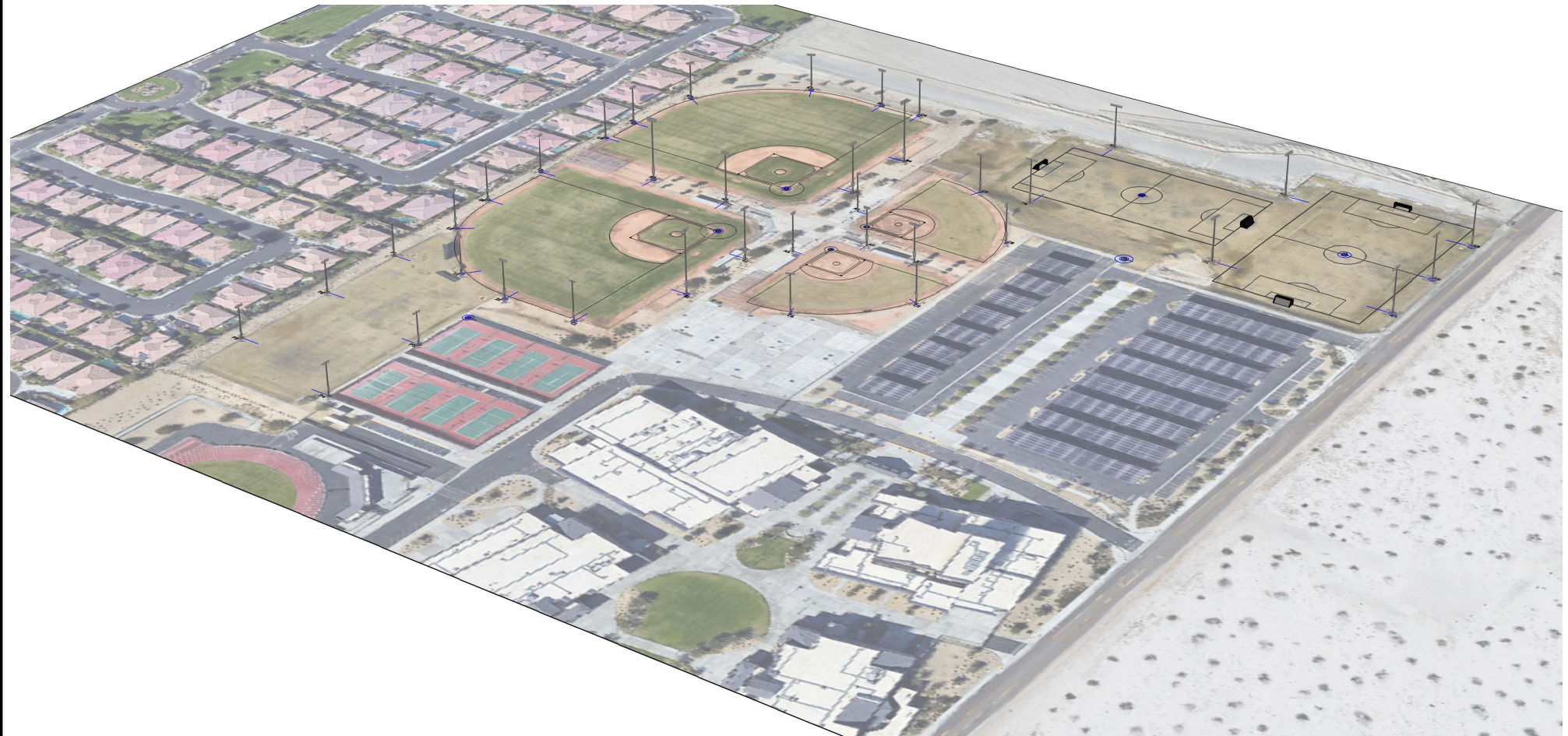
**Meridian**  
Consultants

049-018-23



SOURCE: Source: "HMC Architects – 2022

FIGURE 2



SOURCE: Source: "HMC Architects – 2022

FIGURE 3

## **Rancho Mirage HS EIR Distribution List**

**05/25/2023**

Rancho Mirage Planning Department  
Ben Torres, Planning Manager  
69-825 Highway 111  
Rancho Mirage, CA 92270

South Coast Air Quality Management District  
21865 Copley Drive  
Diamond Bar, CA 91765

Riverside County Flood Control  
1995 Market Street  
Riverside, CA 92501

Agua Caliente Band of Cahuilla Indians  
Lacy Padilla, Archaeological Technician  
5401 Dinah Shore Drive  
Palm Springs, CA 92264

Torres-Martinez Desert Cahuilla Indians  
6725 Martinez Rd.  
Thermal, CA 92274

Coachella Valley Water District  
51501 Tyler Street  
Coachella, CA 92236

Southern California Edison  
36100 Cathedral Canyon Dr.  
Cathedral City, CA 92234

Sunline Transit Agency  
32-505 Harry Oliver Trail  
Thousand Palms, CA 92276

Rancho Mirage Fire Marshall  
69825 Highway 111  
Rancho Mirage, CA 92270

Riverside County Sheriff's Department – Rancho  
Mirage Sheriff's Station  
73-705 Gerald Ford Drive  
Palm Desert, CA 92211

Riverside County Transportation & Land  
Management Agency  
Attention: CEQA Notice  
Desert Permit Assistance Center  
77588 El Duna Ct Suite H  
Palm Desert, CA 92211

Rancho Mirage Library & Observatory  
71100 Highway 111  
Rancho Mirage, CA 92270

Coachella Valley of Associated Governments  
73-710 Fred Waring Drive, Suite 200  
Palm Desert, CA 92260

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**05/25/2023**

Rancho Mirage Planning Department  
Ben Torres, Planning Manager  
69-825 Highway 111  
Rancho Mirage, CA 92270

South Coast Air Quality Management District  
21865 Copley Drive  
Diamond Bar, CA 91765

Riverside County Flood Control  
1995 Market Street  
Riverside, CA 92501

Agua Caliente Band of Cahuilla Indians  
Lacy Padilla, Archaeological Technician  
5401 Dinah Shore Drive  
Palm Springs, CA 92264

Torres-Martinez Desert Cahuilla Indians  
6725 Martinez Rd.  
Thermal, CA 92274

Coachella Valley Water District  
51501 Tyler Street  
Coachella, CA 92236

Southern California Edison  
36100 Cathedral Canyon Dr.  
Cathedral City, CA 92234

Sunline Transit Agency  
32-505 Harry Oliver Trail  
Thousand Palms, CA 92276

Rancho Mirage Fire Marshall  
69825 Highway 111  
Rancho Mirage, CA 92270

Riverside County Sheriff's Department – Rancho  
Mirage Sheriff's Station  
73-705 Gerald Ford Drive  
Palm Desert, CA 92211

Riverside County Transportation & Land  
Management Agency  
Attention: CEQA Notice  
Desert Permit Assistance Center  
77588 El Duna Ct Suite H  
Palm Desert, CA 92211

Rancho Mirage Library & Observatory  
71100 Highway 111  
Rancho Mirage, CA 92270

Coachella Valley of Associated Governments  
73-710 Fred Waring Drive, Suite 200  
Palm Desert, CA 92260

CURRENT OCCUPANT

74041 HIGHWAY 111

PALM DESERT CA 92261

CURRENT OCCUPANT

69920 E RAMON RD

CATHEDRAL CITY CA 92234

CURRENT OCCUPANT

30875 DATE PALM DR NO C

CATHEDRAL CY CA 92234

CURRENT OCCUPANT

19 VIA DEL PARADISO

RANCHO MIRAGE CA 92270

CURRENT OCCUPANT

1058 WASCANA HIGHLANDS

REGINA SK CANADA

CURRENT OCCUPANT

5917 SPEYSIDE RD

RIVERSIDE CA 92507

CURRENT OCCUPANT

78 VIA DEL MERCATO

RANCHO MIRAGE CA 92270

CURRENT OCCUPANT

5062 CALATRANA DR

WOODLAND HILLS CA 91364

CURRENT OCCUPANT

130 VIA TUSCANY

RANCHO MIRAGE CA 92270

CURRENT OCCUPANT

521 SE ARCADIA SHORES

SHELTON WA 98584

CURRENT OCCUPANT

PO BOX 2034

SANTA MONICA CA 90406

CURRENT OCCUPANT

68936 ADELINA RD

CATHEDRAL CY CA 92234

CURRENT OCCUPANT

P O BOX 1058

COACHELLA VALLEY CA 92236

CURRENT OCCUPANT

1953 S NIAGARA ST

DENVER CO 80224

CURRENT OCCUPANT

167 WIKIL PL

PALM DESERT CA 92260

CURRENT OCCUPANT

1506 E ORANGE GROVE AVE

ORANGE CA 92867

CURRENT OCCUPANT

75 VIA DEL MERCATO

RANCHO MIRAGE CA 92270

CURRENT OCCUPANT

3500 TACHEVAH DR SUITE F

PALM SPRINGS CA 92262

CURRENT OCCUPANT

128 VIA SOLARO

RANCHO MIRAGE CA 92270

CURRENT OCCUPANT

108 VIA TIBERIO

RANCHO MIRAGE CA 92270

CURRENT OCCUPANT

5401 DINAH SHORE DR

PALM SPRINGS CA 92264

CURRENT OCCUPANT

68950 ADELINA RD

CATHEDRAL CITY CA 92234

CURRENT OCCUPANT

2922 DAIMIER ST

SANTA ANA CA 92705

CURRENT OCCUPANT

40 VIA SAN MARCO

RANCHO MIRAGE CA 92270

CURRENT OCCUPANT

167 VIA MARTELLI

RANCHO MIRAGE CA 92270

CURRENT OCCUPANT

80 VIA DEL MERCATO

RANCHO MIRAGE CA 92270

CURRENT OCCUPANT

85 VIA DEL MERCATO

RANCHO MIRAGE CA 92270

CURRENT OCCUPANT

108 VIA DEL SIGNORIA

RANCHO MIRAGE CA 92270

CURRENT OCCUPANT

132 VIA SOLARO

RANCHO MIRAGE CA 92270

CURRENT OCCUPANT

180 VIA MILANO

RANCHO MIRAGE CA 92270

|                        |                        |                                 |
|------------------------|------------------------|---------------------------------|
| CURRENT OCCUPANT       | CURRENT OCCUPANT       | CURRENT OCCUPANT                |
| 180 VIA MILANO         | 38 VIA PARADISO        | 11716 RIDGEGATE DR              |
| RANCHO MIRAGE CA 92270 | HENDERSON NV 89011     | WHITTIER CA 90601               |
| CURRENT OCCUPANT       | CURRENT OCCUPANT       | CURRENT OCCUPANT                |
| 248 VIA PADUA          | 233 VIA FIRENZA        | 248 VIA SAN LUCIA               |
| RANCHO MIRAGE CA 92270 | RANCHO MIRAGE CA 92270 | RANCHO MIRAGE CA 92270          |
| CURRENT OCCUPANT       | CURRENT OCCUPANT       | CURRENT OCCUPANT                |
| 87 VIA SAN MARCO       | 16616 LAUREN WAY       | 8 IRIDIUM WAY                   |
| RANCHO MIRAGE CA 92270 | ENCINO CA 91436        | RANCHO MIRAGE CA 92270          |
| CURRENT OCCUPANT       | CURRENT OCCUPANT       | CURRENT OCCUPANT                |
| 20 IRIDIUM WAY         | 47 VIA DEL ROSSI       | 43 VIA SAN MARCO                |
| RANCHO MIRAGE CA 92270 | RANCHO MIRAGE CA 92270 | RANCHO MIRAGE CA 92270          |
| CURRENT OCCUPANT       | CURRENT OCCUPANT       | CURRENT OCCUPANT                |
| 17721 SYBRANDY AVE     | 31 VIA DEL MARICALE    | 27 VIA DEL MARICALE             |
| CERRITOS CA 90703      | RANCHO MIRAGE CA 92270 | RANCHO MIRAGE CA 92270          |
| CURRENT OCCUPANT       | CURRENT OCCUPANT       | CURRENT OCCUPANT                |
| 21 VIA DEL PARADISO    | 43 VIA DEL ROSSI       | 74520 CORAL BELLS CR            |
| RANCHO MIRAGE CA 92270 | RANCHO MIRAGE CA 92270 | PALM DESERT CA 92260            |
| CURRENT OCCUPANT       | CURRENT OCCUPANT       | CURRENT OCCUPANT                |
| 164 VIA MARTELLI       | 2850 PINCKARD AVE      | 166 VIA MILANO                  |
| RANCHO MIRAGE CA 92270 | REDONDO BEACH CA 90278 | RANCHO MIRAGE CA 92270          |
| CURRENT OCCUPANT       | CURRENT OCCUPANT       | CURRENT OCCUPANT                |
| 144 VIA SOLARO         | 140 VIA SOLARO         | 191 N WACKER DR NO 1800         |
| RANCHO MIRAGE CA 92270 | RANCHO MIRAGE CA 92270 | CHICAGO IL 60606                |
| CURRENT OCCUPANT       | CURRENT OCCUPANT       | CURRENT OCCUPANT                |
| 216 VIA FIRENZA        | 7055 DIVOT DR          | 4322 CRESCENT AVE               |
| RANCHO MIRAGE CA 92270 | LA VERNE CA 91750      | CYPRESS CA 90630                |
| CURRENT OCCUPANT       | CURRENT OCCUPANT       | CURRENT OCCUPANT                |
| 23 DONOVAN             | 163 VIA MARTELLI       | 1775 E PALM CANYON DR STE 110 # |
| IRVINE CA 92620        | RANCHO MIRAGE CA 92270 | 1037                            |
|                        |                        | PALM SPRINGS CA 92264           |

CURRENT OCCUPANT  
253880 WESTMINSTER HWY  
RICHMOND BC V7C5S1

CURRENT OCCUPANT  
64 PANORAMA DR  
SAN FRANCISCO CA 94131

CURRENT OCCUPANT  
187 VIA SAN LUCIA  
RANCHO MIRAGE CA 92270

CURRENT OCCUPANT  
188 VIA SAN LUCIA  
RANCHO MIRAGE CA 92270

CURRENT OCCUPANT  
13609 CHANDLER BLVD  
SHERMAN OAKS CA 91401

CURRENT OCCUPANT  
15 VIA DEL PARADISO  
RANCHO MIRAGE CA 92270

CURRENT OCCUPANT  
24 VIA DEL MARICALE  
RANCHO MIRAGE CA 92270

CURRENT OCCUPANT  
81 VIA DEL MERCATO  
RANCHO MIRAGE CA 92270

CURRENT OCCUPANT  
2222 E DEL LAGO RD  
PALM SPRINGS CA 92262

CURRENT OCCUPANT  
183 VIA MILANO  
RANCHO MIRAGE CA 92270

CURRENT OCCUPANT  
163 VIA MILANO  
RANCHO MIRAGE CA 92270

CURRENT OCCUPANT  
206 VIA FIRENZA  
RANCHO MIRAGE CA 92270

CURRENT OCCUPANT  
197 VIA SAN LUCIA  
RANCHO MIRAGE CA 92270

CURRENT OCCUPANT  
123 VIA TUSCANY  
RANCHO MIRAGE CA 92270

CURRENT OCCUPANT  
79 VIA DEL MERCATO  
RANCHO MIRAGE CA 92270

CURRENT OCCUPANT  
1729 DEL LAGO  
YUBA CITY CA 95991

CURRENT OCCUPANT  
PO BOX 116  
MONTROSE CA 91021

CURRENT OCCUPANT  
66 VIA DEL PIENZA  
RANCHO MIRAGE CA 92270

CURRENT OCCUPANT  
114 VIA TIBERIO  
RANCHO MIRAGE CA 92270

CURRENT OCCUPANT  
15020 S MAIN ST  
GARDENA CA 90248

CURRENT OCCUPANT  
209 VIA FIRENZA  
RANCHO MIRAGE CA 92270

CURRENT OCCUPANT  
179 VIA SAN LUCIA  
RANCHO MIRAGE CA 92270

CURRENT OCCUPANT  
34 CLANCY LANE ESTATE  
RANCHO MIRAGE CA 92270

CURRENT OCCUPANT  
133 VIA TUSCANY  
RANCHO MIRAGE CA 92270

CURRENT OCCUPANT  
102 VIA DEL SIGNORIA  
RANCHO MIRAGE CA 92270

CURRENT OCCUPANT  
39 VIA SAN MARCO  
RANCHO MIRAGE CA 92270

CURRENT OCCUPANT  
84 VIA DEL MERCATO  
RANCHO MIRAGE CA 92270

CURRENT OCCUPANT  
19004 ELAINE AVE  
ARTESIA CA 90701

CURRENT OCCUPANT  
181 VIA MILANO  
RANCHO MIRAGE CA 92270

CURRENT OCCUPANT  
PO BOX 2807  
RANCHO MIRAGE CA 92270

CURRENT OCCUPANT  
132 VIA TUSCANY  
RANCHO MIRAGE CA 92270

CURRENT OCCUPANT  
4043 BUZZY RD  
CANYON BC CANADA

CURRENT OCCUPANT  
42 VIA SAN MARCO  
RANCHO MIRAGE CA 92270

CURRENT OCCUPANT  
2055 N SAN ANTONIO RD  
PALM SPRINGS CA 92262

CURRENT OCCUPANT  
5312 VERNER DR  
LA PALMA CA 90623

CURRENT OCCUPANT  
P O BOX 240  
IDYLLWILD CA 92549

CURRENT OCCUPANT  
109 BOXWOOD DR  
SAN RAFAEL CA 94903

CURRENT OCCUPANT  
30 VIA DEL MARICALE  
RANCHO MIRAGE CA 92270

CURRENT OCCUPANT  
147 VIA SIENA  
RANCHO MIRAGE CA 92270

CURRENT OCCUPANT  
10 VIA DEL PARADISO  
RANCHO MIRAGE CA 92270

CURRENT OCCUPANT  
119 VIA SOLARO  
RANCHO MIRAGE CA 92270

CURRENT OCCUPANT  
236 VIA FIRENZIA  
RANCHO MIRAGE CA 92270

CURRENT OCCUPANT  
17 VIA DEL PARADISO  
RANCHO MIRAGE CA 92270

CURRENT OCCUPANT  
251 VIA MARTELLI  
RANCHO MIRAGE CA 92270

CURRENT OCCUPANT  
228 VIA FIRENZIA  
RANCHO MIRAGE CA 92270

CURRENT OCCUPANT  
244 VIA MARTELLI  
RANCHO MIRAGE CA 92270

CURRENT OCCUPANT  
57 VIA DEL ROSSI  
RANCHO MIRAGE CA 92270

CURRENT OCCUPANT  
27 WRANGLER CT  
TRABUCO CANYON CA 92679

CURRENT OCCUPANT  
151 VIA SIENA  
RANCHO MIRAGE CA 92270

CURRENT OCCUPANT  
14 VIA DEL PARADISO  
RANCHO MIRAGE CA 92270

CURRENT OCCUPANT  
124 VIA SOLARO  
RANCHO MIRAGE CA 92270

CURRENT OCCUPANT  
11 VIA DEL PARADISO  
RANCHO MIRAGE CA 92270

CURRENT OCCUPANT  
178 VIA MILANO  
RANCHO MIRAGE CA 92270

CURRENT OCCUPANT  
253 VIA MARTELLI  
RANCHO MIRAGE CA 92270

CURRENT OCCUPANT  
244 VIA SAN LUCIA  
RANCHO MIRAGE CA 92270

CURRENT OCCUPANT  
1115 HEATHER RD  
DEERFIELD IL 60015

CURRENT OCCUPANT  
203 RAINBOW DR NO 10391  
LIVINGSTON TX 77399

CURRENT OCCUPANT  
16 VIA DEL PARADISO  
RANCHO MIRAGE CA 92270

CURRENT OCCUPANT  
162 VIA MARTELLI  
RANCHO MIRAGE CA 92270

CURRENT OCCUPANT  
139 VIA SOLARO  
RANCHO MIRAGE CA 92270

CURRENT OCCUPANT

149 VIA SIENA

RANCHO MIRAGE CA 92270

CURRENT OCCUPANT

49 VIA DEL ROSSI

RANCHO MIRAGE CA 92270

CURRENT OCCUPANT

37 VIA SAN MARCO

RANCHO MIRAGE CA 92270

CURRENT OCCUPANT

153 VIA SIENA

RANCHO MIRAGE CA 92270

CURRENT OCCUPANT

733 AMSTERDAM AVE APT 3F

NEW YORK NY 10025

CURRENT OCCUPANT

224 VIA FIRENZA

RANCHO MIRAGE CA 92270

CURRENT OCCUPANT

363 SW BLUFF DR NO 407

BEND OR 97702

CURRENT OCCUPANT

36 665 BANKSIDE DR STE B

CATHEDRAL CITY CA 92234

CURRENT OCCUPANT

171 VIA MILANO

RANCHO MIRAGE CA 92270

CURRENT OCCUPANT

195 VIA SAN LUCIA

RANCHO MIRAGE CA 92270

CURRENT OCCUPANT

1210 DOROTHY DR

GLENDALE CA 91202

CURRENT OCCUPANT

61 VIA DEL ROSSI

RANCHO MIRAGE CA 92270

CURRENT OCCUPANT

33 VIA DEL MARICALE

RANCHO MIRAGE CA 92270

CURRENT OCCUPANT

3195 MATARO ST

PASADENA CA 91107

CURRENT OCCUPANT

165 VIA MARTELLI

RANCHO MIRAGE CA 92270

CURRENT OCCUPANT

218 VIA FIRENZA

RANCHO MIRAGE CA 92270

CURRENT OCCUPANT

6622 38TH AVE SW

SEATTLE WA 98126

CURRENT OCCUPANT

168 VIA MILANO

RANCHO MIRAGE CA 92270

CURRENT OCCUPANT

212 VIA FIRENZA

RANCHO MIRAGE CA 92270

CURRENT OCCUPANT

13 VIA DEL PARADISO

RANCHO MIRAGE CA 92270

CURRENT OCCUPANT

45 VIA DEL ROSSI

RANCHO MIRAGE CA 92270

CURRENT OCCUPANT

4957 BILMOOR AVE

TARZANA CA 91356

CURRENT OCCUPANT

10329 PALMS BLV NO 604

LOS ANGELES CA 90034

CURRENT OCCUPANT

160 VIA MARTELLI

RANCHO MIRAGE CA 92270

CURRENT OCCUPANT

4918 SW 1ST AVE

PORTLAND OR 97239

CURRENT OCCUPANT

170 VIA MARTELLI

RANCHO MIRAGE CA 92270

CURRENT OCCUPANT

9 15875 MARINE DR

WHITEROCK BC CANADA

CURRENT OCCUPANT

170 VIA MILANO

RANCHO MIRAGE CA 92270

CURRENT OCCUPANT

80 STRIPER LN

EAST FALMOUTH MA 02536

CURRENT OCCUPANT

59 VIA DEL ROSSI

RANCHO MIRAGE CA 92270

CURRENT OCCUPANT

1720 MAPLE AVE # 2160

EVANSTON IL 60201

CURRENT OCCUPANT

143 VIA SOLARO

RANCHO MIRAGE CA 92270

CURRENT OCCUPANT

13522 CARAVEL PL

CERRITOS CA 90703

CURRENT OCCUPANT

183 VIA SAN LUCIA

RANCHO MIRAGE CA 92270

CURRENT OCCUPANT

211 VIA FIRENZA

RANCHO MIRAGE CA 92270

CURRENT OCCUPANT

82 VIA DEL MERCATO

RANCHO MIRAGE CA 92270

CURRENT OCCUPANT

198 VIA SAN LUCIA

RANCHO MIRAGE CA 92270

CURRENT OCCUPANT

5401 S HELENA LN

SPOKANE WA 99223

CURRENT OCCUPANT

8421 WESTMORELAND LN

MINNEAPOLIS MN 55426

CURRENT OCCUPANT

90 VIA SAN MARCO

RANCHO MIRAGE CA 92270

CURRENT OCCUPANT

1493 MONTANA SERENA CT

EL CAJON CA 92021

CURRENT OCCUPANT

27030 DAISY CIR

YORBA LINDA CA 92887

CURRENT OCCUPANT

169 VIA MILANO

RANCHO MIRAGE CA 92270

CURRENT OCCUPANT

185 VIA SAN LUCIA

RANCHO MIRAGE CA 92270

CURRENT OCCUPANT

215 VIA FIRENZA

RANCHO MIRAGE CA 92270

CURRENT OCCUPANT

211 N ISABEL ST APT 9

GLENDALE CA 91206

CURRENT OCCUPANT

1156 NORUMBEGA DR

MONROVIA CA 91016

CURRENT OCCUPANT

PO BOX 71505

FAIRBANKS AK 99707

CURRENT OCCUPANT

3330 KIRKHAM ST

SAN FRANCISCO CA 94122

CURRENT OCCUPANT

31638 CALLE AMIGOS

CATHEDRAL CITY CA 92234

CURRENT OCCUPANT

6118 BRAEMAR CT

AGOURA HILLS CA 91301

CURRENT OCCUPANT

166 VIA MARTELLI

RANCHO MIRAGE CA 92270

CURRENT OCCUPANT

220 VIA FIRENZA

RANCHO MIRAGE CA 92270

CURRENT OCCUPANT

1403 GARFIELD AVE

SOUTH PASADENA CA 91030

CURRENT OCCUPANT

89 VIA SAN MARCO

RANCHO MIRAGE CA 92270

CURRENT OCCUPANT

7002 CALHOUN AVE

VAN NUYS CA 91405

CURRENT OCCUPANT

78601 KENTIA PALM DR

PALM DESERT CA 92211

CURRENT OCCUPANT

127 VIA TUSCANY

RANCHO MIRAGE CA 92270

CURRENT OCCUPANT

125 VIA TUSCANY

RANCHO MIRAGE CA 92270

CURRENT OCCUPANT

104 VIA DEL SIGNORIA

RANCHO MIRAGE CA 92270

CURRENT OCCUPANT  
1710 W FOOTHILL BLVD STE B1  
UPLAND CA 91786

CURRENT OCCUPANT  
5495 232ND ST  
LANGLEY BC V2Z2P8

CURRENT OCCUPANT  
142 VIA SOLARO  
RANCHO MIRAGE CA 92270

CURRENT OCCUPANT  
95 VIA SAN MARCO  
RANCHO MIRAGE CA 92270

CURRENT OCCUPANT  
141 JANINE DR  
LA HABRA CA 90631

CURRENT OCCUPANT  
177 VIA SAN LUCIA  
RANCHO MIRAGE CA 92270

CURRENT OCCUPANT  
194 VIA SAN LUCIA  
RANCHO MIRAGE CA 92270

CURRENT OCCUPANT  
88 VIA SAN MARCO  
RANCHO MIRAGE CA 92270

CURRENT OCCUPANT  
70 VIA DEL PIENZA  
RANCHO MIRAGE CA 92270

CURRENT OCCUPANT  
1407 SAN PABLO DR  
GLENDALE CA 91207

CURRENT OCCUPANT  
124 VIA TUSCANY  
RANCHO MIRAGE CA 92270

CURRENT OCCUPANT  
126 VIA SOLARO  
RANCHO MIRAGE CA 92270

CURRENT OCCUPANT  
208 VIA FIRENZA  
RANCHO MIRAGE CA 92270

CURRENT OCCUPANT  
76 VIA DEL MERCATO  
RANCHO MIRAGE CA 92270

CURRENT OCCUPANT  
120 VIA DEL SIGNORIA  
RANCHO MIRAGE CA 92270

CURRENT OCCUPANT  
181 VIA SAN LUCIA  
RANCHO MIRAGE CA 92270

CURRENT OCCUPANT  
190 VIA SAN LUCIA  
RANCHO MIRAGE CA 92270

CURRENT OCCUPANT  
86 VIA SAN MARCO  
RANCHO MIRAGE CA 92270

CURRENT OCCUPANT  
2 IRIDIUM WAY  
RANCHO MIRAGE CA 92270

CURRENT OCCUPANT  
131 VIA SOLARO  
RANCHO MIRAGE CA 92270

CURRENT OCCUPANT  
122 VIA TUSCANY  
RANCHO MIRAGE CA 92270

CURRENT OCCUPANT  
1298 PARK TERRACE LN  
LAKE HAVASU CITY AZ 86404

CURRENT OCCUPANT  
204 VIA FIRENZA  
RANCHO MIRAGE CA 92270

CURRENT OCCUPANT  
5958 FREMONT CIR  
CAMARILLO CA 93010

CURRENT OCCUPANT  
128 VIA TUSCANY  
RANCHO MIRAGE CA 92270

CURRENT OCCUPANT  
189 VIA SAN LUCIA  
RANCHO MIRAGE CA 92270

CURRENT OCCUPANT  
217 VIA FIRENZA  
RANCHO MIRAGE CA 92270

CURRENT OCCUPANT  
93 VIA SAN MARCO  
RANCHO MIRAGE CA 92270

CURRENT OCCUPANT  
12 IRIDIUM WAY  
RANCHO MIRAGE CA 92270

CURRENT OCCUPANT  
129 VIA SOLARO  
RANCHO MIRAGE CA 92270

|                               |                              |                           |
|-------------------------------|------------------------------|---------------------------|
| CURRENT OCCUPANT              | CURRENT OCCUPANT             | CURRENT OCCUPANT          |
| 127 VIA SOLARO                | 6611 MELBA AVE               | 226 VIA FIRENZIA          |
| RANCHO MIRAGE CA 92270        | WEST HILLS CA 91307          | RANCHO MIRAGE CA 92270    |
| CURRENT OCCUPANT              | CURRENT OCCUPANT             | CURRENT OCCUPANT          |
| 3178 WITHERS AVE              | 246 VIA SAN LUCIA            | 712 ELVIRA AVE UNIT A     |
| LAFAYETTE CA 94549            | RANCHO MIRAGE CA 92270       | REDONDO BEACH CA 90277    |
| CURRENT OCCUPANT              | CURRENT OCCUPANT             | CURRENT OCCUPANT          |
| 246 VIA MARTELLI              | 13546 LA JOLLA CIR # G209    | 77 VIA DEL MERCATO        |
| RANCHO MIRAGE CA 92270        | LA MIRADA CA 90638           | RANCHO MIRAGE CA 92270    |
| CURRENT OCCUPANT              | CURRENT OCCUPANT             | CURRENT OCCUPANT          |
| 67 VIA DEL PIENZA             | 511 LE CLAIRE AVE            | 116 VIA DEL SIGNORIA      |
| RANCHO MIRAGE CA 92270        | WILMETTE IL 60091            | RANCHO MIRAGE CA 92270    |
| CURRENT OCCUPANT              | CURRENT OCCUPANT             | CURRENT OCCUPANT          |
| 118 VIA DEL SIGNORIA          | 4004 VIA VICO                | 1215 VIA LA JOLLA         |
| RANCHO MIRAGE CA 92270        | RANCHO PALOS VERDES CA 90275 | SAN CLEMENTE CA 92672     |
| CURRENT OCCUPANT              | CURRENT OCCUPANT             | CURRENT OCCUPANT          |
| 2525 VIA OLIVERA              | 8675 SAN MARCOS RD           | 27 IRIDIUM WAY            |
| PALOS VERDES ESTATES CA 90274 | ATASCADERO CA 93422          | RANCHO MIRAGE CA 92270    |
| CURRENT OCCUPANT              | CURRENT OCCUPANT             | CURRENT OCCUPANT          |
| 177 VIA MILANO                | 185 VIA MILANO               | 110 VIA TIBERIO           |
| RANCHO MIRAGE CA 92270        | RANCHO MIRAGE CA 92270       | RANCHO MIRAGE CA 92270    |
| CURRENT OCCUPANT              | CURRENT OCCUPANT             | CURRENT OCCUPANT          |
| 186 VIA MILANO                | 184 VIA MILANO               | 182 VIA MILANO            |
| RANCHO MIRAGE CA 92270        | RANCHO MIRAGE CA 92270       | RANCHO MIRAGE CA 92270    |
| CURRENT OCCUPANT              | CURRENT OCCUPANT             | CURRENT OCCUPANT          |
| 122 FRANCIS CIR               | 239 VIA MARTELLI             | 243 VIA MARTELLI          |
| ROHNERT PARK CA 94928         | RANCHO MIRAGE CA 92270       | RANCHO MIRAGE CA 92270    |
| CURRENT OCCUPANT              | CURRENT OCCUPANT             | CURRENT OCCUPANT          |
| 245 VIA MARTELLI              | 64 VIA DEL PIENZA            | 7833 SIERRA VISTA ST      |
| RANCHO MIRAGE CA 92270        | RANCHO MIRAGE CA 92270       | RANCHO CUCAMONGA CA 91730 |

CURRENT OCCUPANT  
69 VIA DEL PIENZA  
RANCHO MIRAGE CA 92270

CURRENT OCCUPANT  
133 VIA SOLARO  
RANCHO MIRAGE CA 92270

CURRENT OCCUPANT  
230 VIA FIRENZIA  
RANCHO MIRAGE CA 92270

CURRENT OCCUPANT  
16 IRIDIUM WAY  
RANCHO MIRAGE CA 92270

CURRENT OCCUPANT  
17 IRIDIUM WAY  
RANCHO MIRAGE CA 92270

CURRENT OCCUPANT  
250 VIA MARTELLI  
RANCHO MIRAGE CA 92270

CURRENT OCCUPANT  
246 VIA PADUA  
RANCHO MIRAGE CA 92270

CURRENT OCCUPANT  
117 YIA SOLARO  
RANCHO MIRAGE CA 92270

CURRENT OCCUPANT  
112 VIA TIBERIO  
RANCHO MIRAGE CA 92270

CURRENT OCCUPANT  
242 VIA PADUA  
RANCHO MIRAGE CA 92270

CURRENT OCCUPANT  
71 VIA DEL PIENZA  
RANCHO MIRAGE CA 92270

CURRENT OCCUPANT  
123 VIA SOLARO  
RANCHO MIRAGE CA 92270

CURRENT OCCUPANT  
231 VIA FIRENZIA  
RANCHO MIRAGE CA 92270

CURRENT OCCUPANT  
340 VIA COLUSA  
REDONDO BEACH CA 90277

CURRENT OCCUPANT  
537 GERONA AVE  
SAN GABRIEL CA 91775

CURRENT OCCUPANT  
254 VIA PADUA  
RANCHO MIRAGE CA 92270

CURRENT OCCUPANT  
612 KNIGHT WAY  
LA CANADA FLINTRIDGE CA 91011

CURRENT OCCUPANT  
268 N LINCOLN AVE STE 12  
CORONA CA 92882

CURRENT OCCUPANT  
172 VIA MILANO  
RANCHO MIRAGE CA 92270

CURRENT OCCUPANT  
17851 TRENTON DR  
CASTRO VALLEY CA 94546

CURRENT OCCUPANT  
110 VIA DEL SIGNORIA  
RANCHO MIRAGE CA 92270

CURRENT OCCUPANT  
234 VIA FIRENZIA  
RANCHO MIRAGE CA 92270

CURRENT OCCUPANT  
249 VIA SAN LUCIA  
RANCHO MIRAGE CA 92270

CURRENT OCCUPANT  
15 IRIDIUM WAY  
RANCHO MIRAGE CA 92270

CURRENT OCCUPANT  
245 VIA SAN LUCIA  
RANCHO MIRAGE CA 92270

CURRENT OCCUPANT  
250 VIA PADUA  
RANCHO MIRAGE CA 92270

CURRENT OCCUPANT  
1201 E MARION WAY  
PALM SPRINGS CA 92264

CURRENT OCCUPANT  
1266 CONCORD ST  
SAN DIEGO CA 92106

CURRENT OCCUPANT  
252 VIA PADUA  
RANCHO MIRAGE CA 92270

CURRENT OCCUPANT  
2928 CHILLON WAY  
LAGUNA BEACH CA 92651

CURRENT OCCUPANT  
9 IRIDIUM WAY  
RANCHO MIRAGE CA 92270  
CURRENT OCCUPANT  
5 IRIDIUM WAY  
RANCHO MIRAGE CA 92270  
CURRENT OCCUPANT  
15821 VENTURA BLVD STE 370  
ENCINO CA 91436  
CURRENT OCCUPANT  
1 IRIDIUM WAY  
RANCHO MIRAGE CA 92270  
CURRENT OCCUPANT  
13 IRIDIUM WAY  
RANCHO MIRAGE CA 92270  
CURRENT OCCUPANT  
7 IRIDIUM WAY  
RANCHO MIRAGE CA 92270

CURRENT OCCUPANT  
4 IRIDIUM WAY  
RANCHO MIRAGE CA 92270  
CURRENT OCCUPANT  
610 NORTH G ST  
TACOMA WA 98403  
CURRENT OCCUPANT  
21 IRIDIUM WAY  
RANCHO MIRAGE CA 92270  
CURRENT OCCUPANT  
3 IRIDIUM WAY  
RANCHO MIRAGE CA 92270  
CURRENT OCCUPANT  
510 1ST AVE # 1105  
SAN DIEGO CA 92101  
CURRENT OCCUPANT  
25 IRIDIUM WAY  
RANCHO MIRAGE CA 92270

CURRENT OCCUPANT  
22 IRIDIUM WAY  
RANCHO MIRAGE CA 92270  
CURRENT OCCUPANT  
2410 COLLEGE DR  
COSTA MESA CA 92626  
CURRENT OCCUPANT  
23 IRIDIUM WAY  
RANCHO MIRAGE CA 92270  
CURRENT OCCUPANT  
11 IRIDIUM WAY  
RANCHO MIRAGE CA 92270  
CURRENT OCCUPANT  
24 IRIDIUM WAY  
RANCHO MIRAGE CA 92270



## **APPENDIX B**

### **Rancho Mirage High School Proposed Lighting Plan and Lighting Policy**

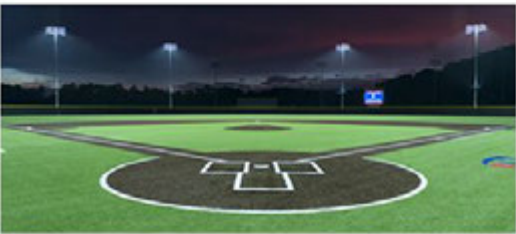
Rancho Mirage High School LED Field Lighting

Rancho Mirage,CA

Lighting System

| Pole / Fixture Summary |             |            |             |                |         |         |
|------------------------|-------------|------------|-------------|----------------|---------|---------|
| Pole ID                | Pole Height | Mtg Height | Fixture Qty | Luminaire Type | Load    | Circuit |
| A1                     | 80'         | 80'        | 5           | TLC-LED-900    | 4.40 kW | C       |
|                        |             | 16'        | 1           | TLC-BT-575     | 0.58 kW | A       |
|                        |             | 80'        | 4           | TLC-LED-1500   | 5.64 kW | A       |
| A2                     | 80'         | 16'        | 1           | TLC-BT-575     | 0.58 kW | C       |
|                        |             | 80'        | 4           | TLC-LED-1500   | 5.64 kW | A       |
|                        |             | 80'        | 4           | TLC-LED-1500   | 5.64 kW | B       |
|                        |             | 16'        | 1           | TLC-BT-575     | 0.58 kW | A       |
|                        |             | 16'        | 1           | TLC-BT-575     | 0.58 kW | B       |
| A4                     | 80'         | 80'        | 5           | TLC-LED-900    | 4.40 kW | D       |
|                        |             | 16'        | 1           | TLC-BT-575     | 0.58 kW | B       |
|                        |             | 80'        | 4           | TLC-LED-1500   | 5.64 kW | B       |
|                        |             | 16'        | 1           | TLC-BT-575     | 0.58 kW | D       |
|                        |             | 16'        | 1           | TLC-BT-575     | 0.58 kW | D       |
| A5                     | 60'         | 60'        | 3           | TLC-LED-900    | 2.64 kW | C       |
|                        |             | 60'        | 3           | TLC-LED-900    | 2.64 kW | D       |
|                        |             | 16'        | 1           | TLC-BT-575     | 0.58 kW | C       |
|                        |             | 16'        | 1           | TLC-BT-575     | 0.58 kW | D       |
|                        |             | 70'        | 1           | TLC-LED-1200   | 1.17 kW | C       |
| A6                     | 70'         | 70'        | 1           | TLC-LED-1200   | 1.17 kW | C       |
|                        |             | 70'        | 2           | TLC-LED-900    | 1.76 kW | C       |
|                        |             | 16'        | 1           | TLC-BT-575     | 0.58 kW | C       |
| A7                     | 70'         | 70'        | 1           | TLC-LED-1200   | 1.17 kW | D       |
|                        |             | 70'        | 2           | TLC-LED-900    | 1.76 kW | D       |
|                        |             | 16'        | 1           | TLC-BT-575     | 0.58 kW | D       |
| B1                     | 90'         | 90'        | 5           | TLC-LED-1500   | 7.05 kW | A       |
|                        |             | 90'        | 2           | TLC-LED-550    | 1.08 kW | A       |
|                        |             | 90'        | 1           | TLC-LED-900    | 0.88 kW | A       |
|                        |             | 16'        | 1           | TLC-BT-575     | 0.58 kW | A       |
|                        |             | 60'        | 1           | TLC-LED-900    | 0.88 kW | A       |
| B2                     | 90'         | 90'        | 5           | TLC-LED-1500   | 7.05 kW | A       |
|                        |             | 16'        | 1           | TLC-BT-575     | 0.58 kW | A       |
|                        |             | 90'        | 3           | TLC-LED-550    | 1.62 kW | A       |
|                        |             | 60'        | 1           | TLC-LED-900    | 0.88 kW | A       |
|                        |             | 90'        | 5           | TLC-LED-1500   | 7.05 kW | B       |
| B3                     | 90'         | 90'        | 3           | TLC-LED-550    | 1.62 kW | B       |
|                        |             | 16'        | 1           | TLC-BT-575     | 0.58 kW | B       |
|                        |             | 60'        | 1           | TLC-LED-900    | 0.88 kW | B       |
|                        |             | 90'        | 5           | TLC-LED-1500   | 7.05 kW | B       |
|                        |             | 90'        | 3           | TLC-LED-900    | 2.64 kW | B       |
| B4                     | 90'         | 16'        | 1           | TLC-BT-575     | 0.58 kW | B       |
|                        |             | 60'        | 1           | TLC-LED-550    | 0.54 kW | B       |
|                        |             | 60'        | 5           | TLC-LED-550    | 2.70 kW | C       |
|                        |             | 60'        | 5           | TLC-LED-550    | 2.70 kW | D       |
|                        |             | 16'        | 1           | TLC-BT-575     | 0.58 kW | D       |
| C1                     | 60'         | 16'        | 1           | TLC-BT-575     | 0.58 kW | C       |
|                        |             | 60'        | 1           | TLC-BT-575     | 0.58 kW | C       |
|                        |             | 60'        | 1           | TLC-BT-575     | 0.58 kW | C       |
| C2                     | 60'         | 60'        | 4           | TLC-LED-550    | 2.16 kW | D       |
| C3-C4                  | 60'         | 60'        | 4           | TLC-LED-550    | 2.16 kW | D       |
|                        |             | 60'        | 1           | TLC-LED-900    | 0.88 kW | D       |
|                        |             | 16'        | 1           | TLC-BT-575     | 0.58 kW | D       |
| C5                     | 60'         | 60'        | 4           | TLC-LED-550    | 2.16 kW | D       |
| C6                     | 60'         | 60'        | 4           | TLC-LED-550    | 2.16 kW | D       |
|                        |             | 60'        | 1           | TLC-LED-900    | 0.88 kW | D       |
|                        |             | 16'        | 1           | TLC-BT-575     | 0.58 kW | D       |
| C7                     | 60'         | 60'        | 4           | TLC-LED-550    | 2.16 kW | D       |
| C8                     | 60'         | 60'        | 4           | TLC-LED-550    | 2.16 kW | D       |
|                        |             | 60'        | 1           | TLC-LED-900    | 0.88 kW | D       |
|                        |             | 16'        | 1           | TLC-BT-575     | 0.58 kW | D       |

From Hometown to Professional

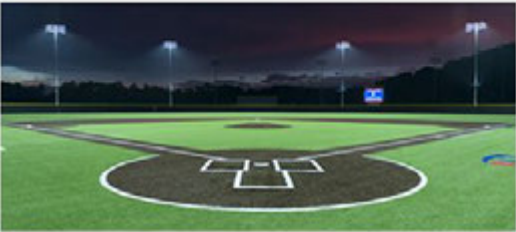


Rancho Mirage High School LED Field Lighting

Rancho Mirage,CA

| Pole / Fixture Summary |             |            |             |                |           |         |
|------------------------|-------------|------------|-------------|----------------|-----------|---------|
| Pole ID                | Pole Height | Mtg Height | Fixture Qty | Luminaire Type | Load      | Circuit |
| D1                     | 60'         | 16'        | 1           | TLC-BT-575     | 0.58 kW   | D       |
|                        |             | 60'        | 1           | TLC-LED-1200   | 1.17 kW   | E       |
|                        |             | 60'        | 2           | TLC-LED-550    | 1.08 kW   | A       |
|                        |             | 60'        | 2           | TLC-LED-900    | 1.76 kW   | A       |
|                        |             | 60'        | 1           | TLC-LED-900    | 0.88 kW   | E       |
| D2                     | 60'         | 16'        | 1           | TLC-BT-575     | 0.58 kW   | A       |
|                        |             | 60'        | 3           | TLC-LED-550    | 1.62 kW   | A       |
|                        |             | 60'        | 1           | TLC-LED-900    | 0.88 kW   | A       |
| D3                     | 60'         | 16'        | 1           | TLC-BT-575     | 0.58 kW   | A       |
|                        |             | 60'        | 4           | TLC-LED-550    | 2.16 kW   | B       |
|                        |             | 16'        | 1           | TLC-BT-575     | 0.58 kW   | B       |
| D4                     | 60'         | 60'        | 2           | TLC-LED-550    | 1.08 kW   | B       |
|                        |             | 60'        | 2           | TLC-LED-900    | 1.76 kW   | B       |
|                        |             | 16'        | 1           | TLC-BT-575     | 0.58 kW   | B       |
| E1                     | 60'         | 60'        | 1           | TLC-LED-1200   | 1.17 kW   | E       |
|                        |             | 60'        | 2           | TLC-LED-550    | 1.08 kW   | A       |
|                        |             | 60'        | 1           | TLC-LED-550    | 0.54 kW   | E       |
|                        |             | 60'        | 2           | TLC-LED-900    | 1.76 kW   | A       |
|                        |             | 60'        | 2           | TLC-LED-900    | 1.76 kW   | E       |
| E2                     | 60'         | 16'        | 2           | TLC-BT-575     | 1.15 kW   | A       |
|                        |             | 60'        | 2           | TLC-LED-550    | 1.08 kW   | A       |
|                        |             | 60'        | 2           | TLC-LED-900    | 1.76 kW   | A       |
| E3                     | 60'         | 16'        | 2           | TLC-BT-575     | 1.15 kW   | A       |
|                        |             | 60'        | 2           | TLC-LED-550    | 1.08 kW   | B       |
|                        |             | 60'        | 2           | TLC-LED-900    | 1.76 kW   | B       |
|                        |             | 16'        | 2           | TLC-BT-575     | 1.15 kW   | B       |
|                        |             | 60'        | 1           | TLC-LED-550    | 0.54 kW   | B       |
| E4                     | 60'         | 60'        | 3           | TLC-LED-900    | 2.64 kW   | B       |
|                        |             | 16'        | 2           | TLC-BT-575     | 1.15 kW   | B       |
|                        |             | 50'        | 1           | TLC-LED-550    | 0.54 kW   | F       |
| P1                     | 50'         | 50'        | 2           | TLC-LED-900    | 1.76 kW   | F       |
|                        |             | 50'        | 2           | TLC-LED-1200   | 2.34 kW   | F       |
| P2                     | 50'         | 50'        | 2           | TLC-LED-900    | 1.76 kW   | F       |
|                        |             | 50'        | 2           | TLC-LED-1200   | 2.34 kW   | F       |
| P3                     | 50'         | 50'        | 1           | TLC-LED-1200   | 1.17 kW   | F       |
|                        |             | 50'        | 3           | TLC-LED-900    | 2.64 kW   | F       |
| P4-P5                  | 50'         | 50'        | 2           | TLC-LED-1200   | 2.34 kW   | E       |
|                        |             | 50'        | 2           | TLC-LED-900    | 1.76 kW   | E       |
| S1-S2                  | 70'         | 70'        | 6           | TLC-LED-1200   | 7.02 kW   | H       |
|                        |             | 70'        | 5           | TLC-LED-1200   | 5.85 kW   | G       |
| S3-S4, S8              | 70'         | 70'        | 6           | TLC-LED-900    | 5.28 kW   | H       |
| S5                     | 70'         | 70'        | 5           | TLC-LED-1200   | 5.85 kW   | G       |
| S6                     | 80'         | 80'        | 5           | TLC-LED-1200   | 5.85 kW   | G       |
| 39                     |             |            | 253         |                | 221.99 kW |         |

From Hometown to Professional



Rancho Mirage High School LED Field Lighting

Rancho Mirage,CA

| Circuit Summary |                       |          |             |
|-----------------|-----------------------|----------|-------------|
| Circuit         | Description           | Load     | Fixture Qty |
| A               | Varsity Baseball      | 51.41 kW | 58          |
| B               | JV Baseball           | 51.07 kW | 58          |
| C               | Varsity Softball      | 20.98 kW | 31          |
| D               | JV Softball           | 21.32 kW | 31          |
| E               | Practice South (East) | 13.72 kW | 14          |
| F               | Practice South (West) | 10.21 kW | 11          |
| G               | Soccer 1              | 23.4 kW  | 20          |
| H               | Soccer 2              | 29.88 kW | 30          |

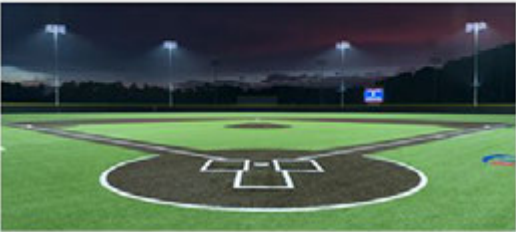
| Fixture Type Summary |                    |         |         |          |          |          |          |
|----------------------|--------------------|---------|---------|----------|----------|----------|----------|
| Type                 | Source             | Wattage | Lumens  | L90      | L80      | L70      | Quantity |
| TLC-LED-1200         | LED 5700K - 75 CRI | 1170W   | 150,000 | >120,000 | >120,000 | >120,000 | 43       |
| TLC-LED-1500         | LED 5700K - 75 CRI | 1410W   | 181,000 | >120,000 | >120,000 | >120,000 | 36       |
| TLC-LED-550          | LED 5700K - 75 CRI | 540W    | 67,000  | >120,000 | >120,000 | >120,000 | 66       |
| TLC-LED-900          | LED 5700K - 75 CRI | 880W    | 104,000 | >120,000 | >120,000 | >120,000 | 76       |
| TLC-BT-575           | LED 5700K - 75 CRI | 575W    | 52,000  | >120,000 | >120,000 | >120,000 | 32       |

| Single Luminaire Amperage Draw Chart |             |                                 |             |             |             |             |             |  |
|--------------------------------------|-------------|---------------------------------|-------------|-------------|-------------|-------------|-------------|--|
| Driver (.90 min power factor)        |             | Max Line Amperage Per Luminaire |             |             |             |             |             |  |
| Single Phase Voltage                 | 208<br>(60) | 220<br>(60)                     | 240<br>(60) | 277<br>(60) | 347<br>(60) | 380<br>(60) | 480<br>(60) |  |
| TLC-LED-1200                         | 6.9         | 6.5                             | 6.0         | 5.2         | 4.2         | 3.8         | 3.0         |  |
| TLC-LED-1500                         | 8.4         | 7.9                             | 7.3         | 6.3         | 5.0         | 4.6         | 3.6         |  |
| TLC-LED-550                          | 3.2         | 3.0                             | 2.8         | 2.4         | 1.9         | 1.8         | 1.4         |  |
| TLC-LED-900                          | 5.2         | 4.9                             | 4.5         | 3.9         | 3.1         | 2.9         | 2.3         |  |
| TLC-BT-575                           | 3.4         | 3.2                             | 2.9         | 2.5         | 2.0         | 1.8         | 1.5         |  |

Light Level Summary

| Calculation Grid Summary          |                                 |              |     |      |         |         |                     |             |
|-----------------------------------|---------------------------------|--------------|-----|------|---------|---------|---------------------|-------------|
| Grid Name                         | Calculation Metric              | Illumination |     |      |         |         | Circuits            | Fixture Qty |
|                                   |                                 | Ave          | Min | Max  | Max/Min | Ave/Min |                     |             |
| Blanket Spill                     | Horizontal                      | 11.9         | 0   | 79   | 0.00    |         | A,B,C,D,E,<br>F,G,H | 253         |
| JV Baseball 1st Base Bullpen      | Horizontal                      | 27.9         | 19  | 36   | 1.87    | 1.47    | B                   | 58          |
| JV Baseball 3rd Base Bullpen      | Horizontal                      | 27.1         | 13  | 38   | 2.82    | 2.08    | B                   | 58          |
| JV Baseball (Infield)             | Horizontal Illuminance          | 51.9         | 37  | 60   | 1.60    | 1.40    | B                   | 58          |
| JV Baseball (Outfield)            | Horizontal Illuminance          | 31.8         | 20  | 45   | 2.22    | 1.59    | B                   | 58          |
| JV Softball Bullpen               | Horizontal                      | 23           | 9   | 38   | 4.14    | 2.56    | D                   | 31          |
| JV Softball (Infield)             | Horizontal Illuminance          | 51.4         | 34  | 61   | 1.80    | 1.51    | D                   | 31          |
| JV Softball (Outfield)            | Horizontal Illuminance          | 30.3         | 20  | 42   | 2.09    | 1.51    | D                   | 31          |
| Practice North                    | Horizontal                      | 24.2         | 0   | 44   | 357.50  |         | G,H                 | 50          |
| Practice South                    | Horizontal Illuminance          | 32.9         | 24  | 44   | 1.84    | 1.37    | E,F                 | 25          |
| Rattler Rd Spill                  | Horizontal                      | 0.01         | 0   | 0.08 | 0.00    |         | A,B,C,D,E,<br>F,G,H | 253         |
| Rattler Rd Spill                  | Max Candela (by Fixture)        | 289          | 0   | 1382 | 0.00    |         | A,B,C,D,E,<br>F,G,H | 253         |
| Rattler Rd Spill                  | Max Vertical Illuminance Metric | 0.02         | 0   | 0.11 | 0.00    |         | A,B,C,D,E,<br>F,G,H | 253         |
| Soccer 1                          | Horizontal Illuminance          | 30.5         | 23  | 39   | 1.75    | 1.32    | G                   | 20          |
| Soccer 2                          | Horizontal Illuminance          | 33.6         | 23  | 44   | 1.94    | 1.46    | H                   | 30          |
| Varsity Baseball 1st Base Bullpen | Horizontal                      | 29.4         | 17  | 40   | 2.34    | 1.73    | A                   | 58          |
| Varsity Baseball 3rd Base Bullpen | Horizontal                      | 26           | 15  | 34   | 2.20    | 1.73    | A                   | 58          |
| Varsity Baseball (Infield)        | Horizontal Illuminance          | 54           | 38  | 61   | 1.62    | 1.42    | A                   | 58          |
| Varsity Baseball (Outfield)       | Horizontal Illuminance          | 31.6         | 20  | 47   | 2.33    | 1.58    | A                   | 58          |
| Varsity Softball Bullpen          | Horizontal                      | 22.8         | 13  | 29   | 2.20    | 1.76    | C                   | 31          |
| Varsity Softball (Infield)        | Horizontal Illuminance          | 52.3         | 37  | 62   | 1.68    | 1.41    | C                   | 31          |
| Varsity Softball (Outfield)       | Horizontal Illuminance          | 30.3         | 20  | 42   | 2.09    | 1.51    | C                   | 31          |

From Hometown to Professional

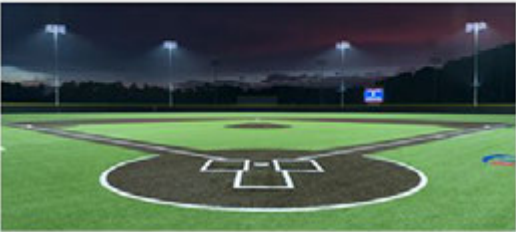


# Rancho Mirage High School LED Field Lighting

Rancho Mirage,CA

| Calculation Grid Summary |                                 |              |      |       |           |          |                     |             |
|--------------------------|---------------------------------|--------------|------|-------|-----------|----------|---------------------|-------------|
| Grid Name                | Calculation Metric              | Illumination |      |       |           |          | Circuits            | Fixture Qty |
|                          |                                 | Ave          | Min  | Max   | Max/Min   | Ave/Min  |                     |             |
| West Property Line Spill | Horizontal                      | 0.75         | 0    | 1.98  | 0.00      |          | A,B,C,D,E,<br>F,G,H | 253         |
| West Property Line Spill | Max Candela (by Fixture)        | 9029         | 0.14 | 34593 | 248378.90 | 64495.21 | A,B,C,D,E,<br>F,G,H | 253         |
| West Property Line Spill | Max Vertical Illuminance Metric | 0.91         | 0    | 2.26  | 0.00      |          | A,B,C,D,E,<br>F,G,H | 253         |

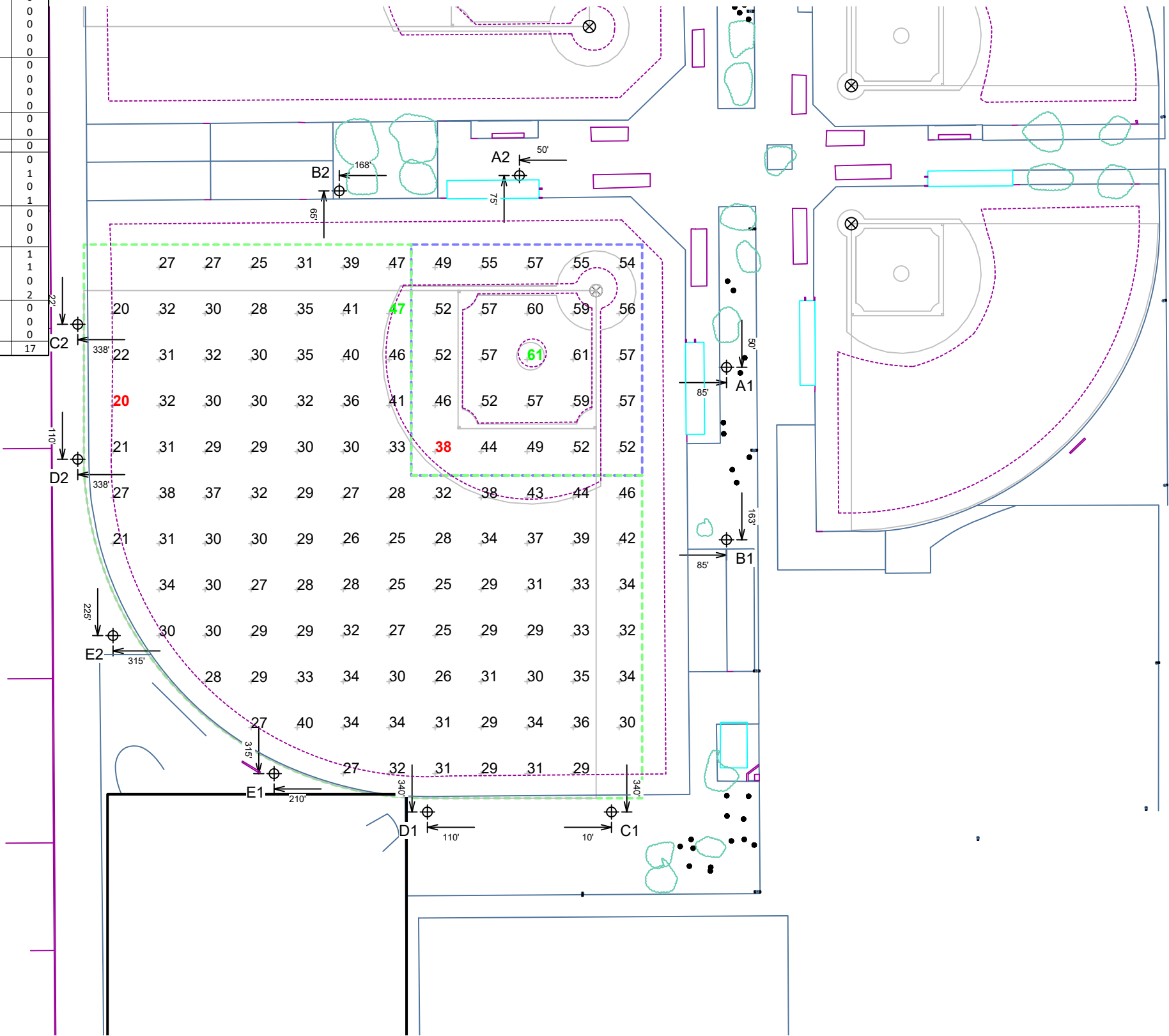
## From Hometown to Professional



EQUIPMENT LIST FOR AREAS SHOWN

| Pole |          |      |                 | Luminaires      |                |            |           |             |
|------|----------|------|-----------------|-----------------|----------------|------------|-----------|-------------|
| QTY  | LOCATION | SIZE | GRADE ELEVATION | MOUNTING HEIGHT | LUMINAIRE TYPE | QTY / POLE | THIS GRID | OTHER GRIDS |
| 1    | A1       | 80'  | -               | 80'             | TLC-LED-900    | 5*         | 0         | 5           |
|      |          |      |                 | 15.5'           | TLC-BT-575     | 1/1*       | 1         | 1           |
|      |          |      |                 | 80'             | TLC-LED-1500   | 4          | 4         | 0           |
| 1    | A2       | 80'  | -               | 15.5'           | TLC-BT-575     | 1/1*       | 1         | 1           |
|      |          |      |                 | 80'             | TLC-LED-1500   | 4/4*       | 4         | 4           |
| 1    | B1       | 90'  | -               | 90'             | TLC-LED-1500   | 5          | 5         | 0           |
|      |          |      |                 | 90'             | TLC-LED-550    | 2          | 2         | 0           |
|      |          |      |                 | 15.5'           | TLC-BT-575     | 1          | 1         | 0           |
|      |          |      |                 | 60'             | TLC-LED-900    | 1          | 1         | 0           |
|      |          |      |                 | 90'             | TLC-LED-900    | 1          | 1         | 0           |
| 1    | B2       | 90'  | -               | 90'             | TLC-LED-550    | 3          | 3         | 0           |
|      |          |      |                 | 15.5'           | TLC-BT-575     | 1          | 1         | 0           |
|      |          |      |                 | 60'             | TLC-LED-900    | 1          | 1         | 0           |
|      |          |      |                 | 90'             | TLC-LED-1500   | 5          | 5         | 0           |
| 1    | C1       | 60'  | -               | 60'             | TLC-LED-550    | 1          | 1         | 0           |
|      |          |      |                 | 60'             | TLC-LED-900    | 2          | 2         | 0           |
| 1    | C2       | 60'  | -               | 60'             | TLC-LED-550    | 3          | 3         | 0           |
| 1    | D1       | 60'  | -               | 60'             | TLC-LED-550    | 2          | 2         | 0           |
|      |          |      |                 | 60'             | TLC-LED-1200   | 1*         | 0         | 1           |
|      |          |      |                 | 15.5'           | TLC-BT-575     | 1          | 1         | 0           |
|      |          |      |                 | 60'             | TLC-LED-900    | 2/1*       | 2         | 1           |
| 1    | D2       | 60'  | -               | 15.5'           | TLC-LED-550    | 3          | 3         | 0           |
|      |          |      |                 | 15.5'           | TLC-BT-575     | 1          | 1         | 0           |
|      |          |      |                 | 60'             | TLC-LED-900    | 1          | 1         | 0           |
| 1    | E1       | 60'  | -               | 60'             | TLC-LED-550    | 2/1*       | 2         | 1           |
|      |          |      |                 | 60'             | TLC-LED-1200   | 1*         | 0         | 1           |
|      |          |      |                 | 15.5'           | TLC-BT-575     | 2          | 2         | 0           |
|      |          |      |                 | 60'             | TLC-LED-900    | 2/2*       | 2         | 2           |
| 1    | E2       | 60'  | -               | 60'             | TLC-LED-550    | 2          | 2         | 0           |
|      |          |      |                 | 15.5'           | TLC-BT-575     | 2          | 2         | 0           |
|      |          |      |                 | 60'             | TLC-LED-900    | 2          | 2         | 0           |
| 10   | TOTALS   |      |                 |                 |                | 75         | 58        | 17          |

\* This structure utilizes a back-to-back mounting configuration



Rancho Mirage High School LED Field Lighting  
Rancho Mirage, CA

| GRID SUMMARY |                              |
|--------------|------------------------------|
| Name:        | Varsity Baseball             |
| Size:        | Irregular 331' / 377' / 334' |
| Spacing:     | 30.0' x 30.0'                |
| Height:      | 3.0' above grade             |

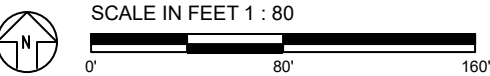
| ILLUMINATION SUMMARY              |          |          |
|-----------------------------------|----------|----------|
| MAINTAINED HORIZONTAL FOOTCANDLES |          |          |
|                                   | Infield  | Outfield |
| Guaranteed Average:               | 50       | 30       |
| Scan Average:                     | 53.97    | 31.60    |
| Maximum:                          | 61       | 47       |
| Minimum:                          | 38       | 20       |
| Avg / Min:                        | 1.43     | 1.58     |
| Guaranteed Max / Min:             | 2        | 2.5      |
| Max / Min:                        | 1.62     | 2.33     |
| UG (adjacent pts):                | 1.21     | 1.60     |
| CU:                               | 0.67     |          |
| No. of Points:                    | 25       | 105      |
| LUMINAIRE INFORMATION             |          |          |
| Applied Circuits:                 | A        |          |
| No. of Luminaires:                | 58       |          |
| Total Load:                       | 51.41 kW |          |

**Guaranteed Performance:** The ILLUMINATION described above is guaranteed per your Musco Warranty document and includes a 0.95 dirt depreciation factor.

**Field Measurements:** Individual field measurements may vary from computer-calculated predictions and should be taken in accordance with IESNA RP-6-15.

**Electrical System Requirements:** Refer to Amperage Draw Chart and/or the "Musco Control System Summary" for electrical sizing.

**Installation Requirements:** Results assume ± 3% nominal voltage at line side of the driver and structures located within 3 feet (1m) of design locations.



Pole location(s) ⚡ dimensions are relative to 0,0 reference point(s) ⊗

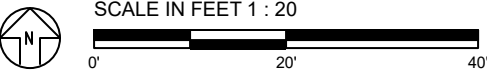
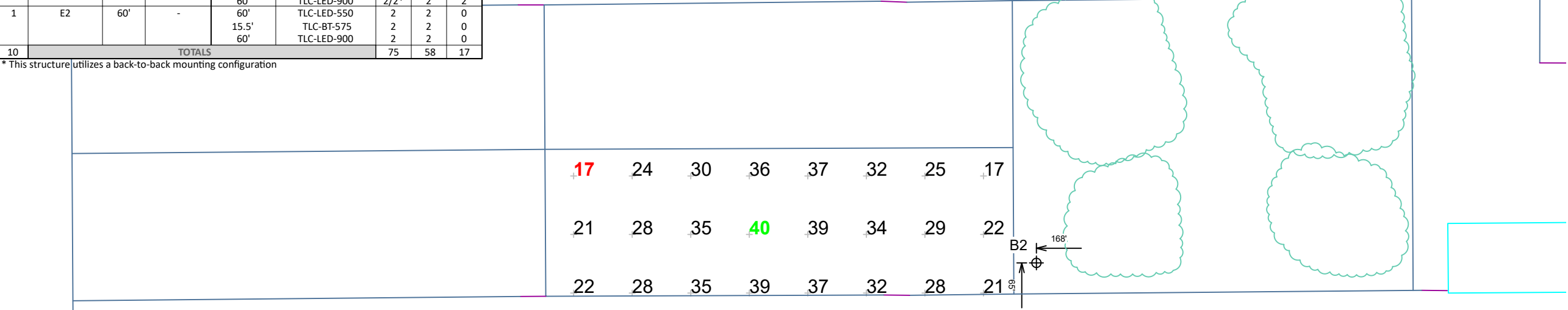


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ILLUMINATION SUMMARY

| EQUIPMENT LIST FOR AREAS SHOWN |          |      |                 |                 |                |            |           |             |
|--------------------------------|----------|------|-----------------|-----------------|----------------|------------|-----------|-------------|
| Pole                           |          |      |                 | Luminaires      |                |            |           |             |
| QTY                            | LOCATION | SIZE | GRADE ELEVATION | MOUNTING HEIGHT | LUMINAIRE TYPE | QTY / POLE | THIS GRID | OTHER GRIDS |
| 1                              | A1       | 80'  | -               | 80'             | TLC-LED-900    | 5*         | 0         | 5           |
|                                |          |      |                 | 15.5'           | TLC-BT-575     | 1/1*       | 1         | 1           |
|                                |          |      |                 | 80'             | TLC-LED-1500   | 4          | 4         | 0           |
| 1                              | A2       | 80'  | -               | 15.5'           | TLC-BT-575     | 1/1*       | 1         | 1           |
|                                |          |      |                 | 80'             | TLC-LED-1500   | 4/4*       | 4         | 4           |
|                                |          |      |                 |                 |                |            |           |             |
| 1                              | B1       | 90'  | -               | 90'             | TLC-LED-1500   | 5          | 5         | 0           |
|                                |          |      |                 | 90'             | TLC-LED-550    | 2          | 2         | 0           |
|                                |          |      |                 | 15.5'           | TLC-BT-575     | 1          | 1         | 0           |
|                                |          |      |                 | 60'             | TLC-LED-900    | 1          | 1         | 0           |
|                                |          |      |                 | 90'             | TLC-LED-900    | 1          | 1         | 0           |
| 1                              | B2       | 90'  | -               | 90'             | TLC-LED-550    | 3          | 3         | 0           |
|                                |          |      |                 | 15.5'           | TLC-BT-575     | 1          | 1         | 0           |
|                                |          |      |                 | 60'             | TLC-LED-900    | 1          | 1         | 0           |
|                                |          |      |                 | 90'             | TLC-LED-1500   | 5          | 5         | 0           |
| 1                              | C1       | 60'  | -               | 60'             | TLC-LED-550    | 1          | 1         | 0           |
|                                |          |      |                 | 60'             | TLC-LED-900    | 2          | 2         | 0           |
|                                |          |      |                 |                 |                |            |           |             |
| 1                              | C2       | 60'  | -               | 60'             | TLC-LED-550    | 3          | 3         | 0           |
|                                |          |      |                 |                 |                |            |           |             |
| 1                              | D1       | 60'  | -               | 60'             | TLC-LED-550    | 2          | 2         | 0           |
|                                |          |      |                 | 60'             | TLC-LED-1200   | 1*         | 0         | 1           |
|                                |          |      |                 | 15.5'           | TLC-BT-575     | 1          | 1         | 0           |
|                                |          |      |                 | 60'             | TLC-LED-900    | 2/1*       | 2         | 1           |
| 1                              | D2       | 60'  | -               | 60'             | TLC-LED-550    | 3          | 3         | 0           |
|                                |          |      |                 | 15.5'           | TLC-BT-575     | 1          | 1         | 0           |
|                                |          |      |                 | 60'             | TLC-LED-900    | 1          | 1         | 0           |
| 1                              | E1       | 60'  | -               | 60'             | TLC-LED-550    | 2/1*       | 2         | 1           |
|                                |          |      |                 | 60'             | TLC-LED-1200   | 1*         | 0         | 1           |
|                                |          |      |                 | 15.5'           | TLC-BT-575     | 2          | 2         | 0           |
|                                |          |      |                 | 60'             | TLC-LED-900    | 2/2*       | 2         | 2           |
| 1                              | E2       | 60'  | -               | 60'             | TLC-LED-550    | 2          | 2         | 0           |
|                                |          |      |                 | 15.5'           | TLC-BT-575     | 2          | 2         | 0           |
|                                |          |      |                 | 60'             | TLC-LED-900    | 2          | 2         | 0           |
| 10                             | TOTALS   |      |                 |                 |                | 75         | 58        | 17          |

\* This structure utilizes a back-to-back mounting configuration



| GRID SUMMARY |                                   |
|--------------|-----------------------------------|
| Name:        | Varsity Baseball 1st Base Bullpen |
| Size:        | Irregular 331' / 377' / 334'      |
| Spacing:     | 10.0' x 10.0'                     |
| Height:      | 3.0' above grade                  |

| ILLUMINATION SUMMARY              |             |
|-----------------------------------|-------------|
| MAINTAINED HORIZONTAL FOOTCANDLES |             |
|                                   | Entire Grid |
| Scan Average:                     | 29.44       |
| Maximum:                          | 40          |
| Minimum:                          | 17          |
| Avg / Min:                        | 1.72        |
| Max / Min:                        | 2.34        |
| UG (adjacent pts):                | 1.42        |
| CU:                               | 0.01        |
| No. of Points:                    | 24          |
| LUMINAIRE INFORMATION             |             |
| Applied Circuits:                 | A           |
| No. of Luminaires:                | 58          |
| Total Load:                       | 51.41 kW    |

**Guaranteed Performance:** The ILLUMINATION described above is guaranteed per your Musco Warranty document and includes a 0.95 dirt depreciation factor.

**Field Measurements:** Individual field measurements may vary from computer-calculated predictions and should be taken in accordance with IESNA RP-6-15.

**Electrical System Requirements:** Refer to Amperage Draw Chart and/or the "Musco Control System Summary" for electrical sizing.

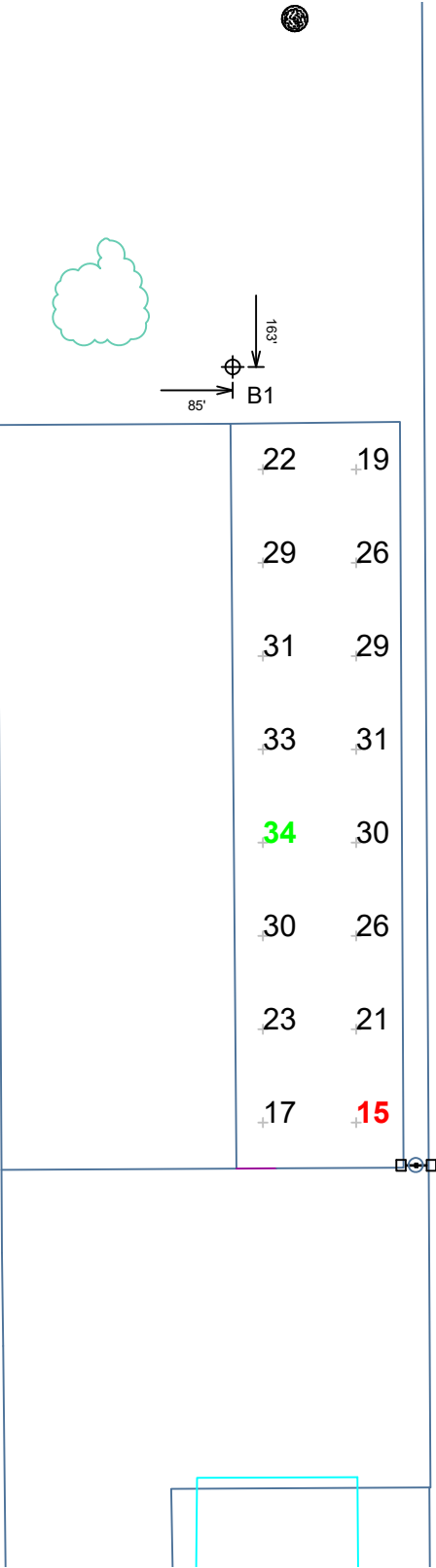
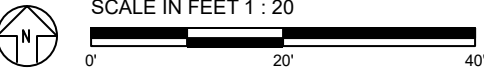
**Installation Requirements:** Results assume ± 3% nominal voltage at line side of the driver and structures located within 3 feet (1m) of design locations.



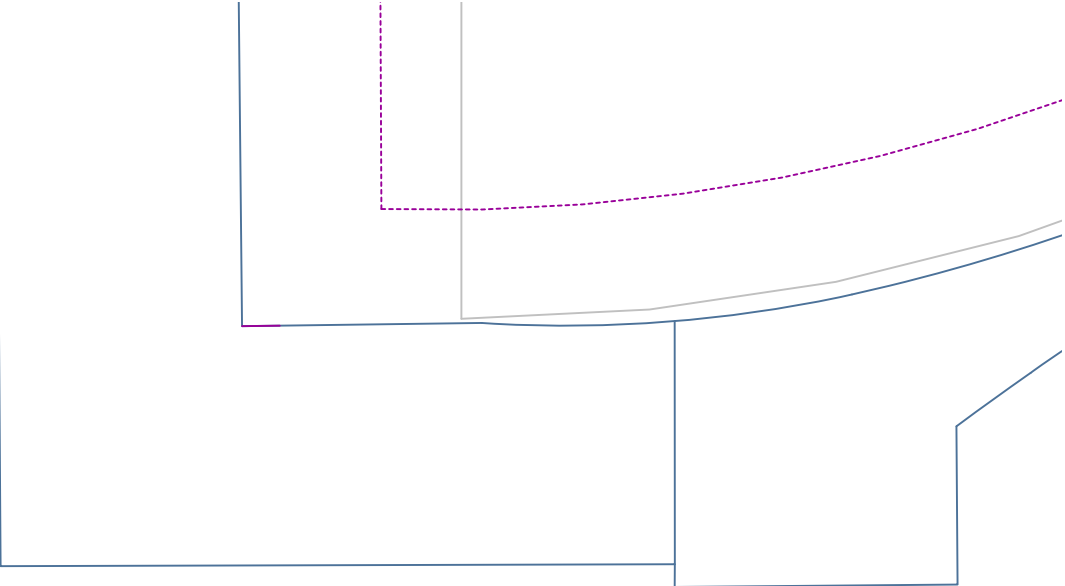
EQUIPMENT LIST FOR AREAS SHOWN

| Pole |          |      |                 | Luminaires      |                |            |           |             |
|------|----------|------|-----------------|-----------------|----------------|------------|-----------|-------------|
| QTY  | LOCATION | SIZE | GRADE ELEVATION | MOUNTING HEIGHT | LUMINAIRE TYPE | QTY / POLE | THIS GRID | OTHER GRIDS |
| 1    | A1       | 80'  | -               | 80'             | TLC-LED-900    | 5*         | 0         | 5           |
|      |          |      |                 | 15.5'           | TLC-BT-575     | 1/1*       | 1         | 1           |
|      |          |      |                 | 80'             | TLC-LED-1500   | 4          | 4         | 0           |
| 1    | A2       | 80'  | -               | 15.5'           | TLC-BT-575     | 1/1*       | 1         | 1           |
|      |          |      |                 | 80'             | TLC-LED-1500   | 4/4*       | 4         | 4           |
|      |          |      |                 |                 |                |            |           |             |
| 1    | B1       | 90'  | -               | 90'             | TLC-LED-1500   | 5          | 5         | 0           |
|      |          |      |                 | 90'             | TLC-LED-550    | 2          | 2         | 0           |
|      |          |      |                 | 15.5'           | TLC-BT-575     | 1          | 1         | 0           |
|      |          |      |                 | 60'             | TLC-LED-900    | 1          | 1         | 0           |
|      |          |      |                 | 90'             | TLC-LED-900    | 1          | 1         | 0           |
| 1    | B2       | 90'  | -               | 90'             | TLC-LED-550    | 3          | 3         | 0           |
|      |          |      |                 | 15.5'           | TLC-BT-575     | 1          | 1         | 0           |
|      |          |      |                 | 60'             | TLC-LED-900    | 1          | 1         | 0           |
|      |          |      |                 | 90'             | TLC-LED-1500   | 5          | 5         | 0           |
|      |          |      |                 |                 |                |            |           |             |
| 1    | C1       | 60'  | -               | 60'             | TLC-LED-550    | 1          | 1         | 0           |
|      |          |      |                 | 60'             | TLC-LED-900    | 2          | 2         | 0           |
| 1    | C2       | 60'  | -               | 60'             | TLC-LED-550    | 3          | 3         | 0           |
| 1    | D1       | 60'  | -               | 60'             | TLC-LED-550    | 2          | 2         | 0           |
|      |          |      |                 | 60'             | TLC-LED-1200   | 1*         | 0         | 1           |
|      |          |      |                 | 15.5'           | TLC-BT-575     | 1          | 1         | 0           |
|      |          |      |                 | 60'             | TLC-LED-900    | 2/1*       | 2         | 1           |
| 1    | D2       | 60'  | -               | 60'             | TLC-LED-550    | 3          | 3         | 0           |
|      |          |      |                 | 15.5'           | TLC-BT-575     | 1          | 1         | 0           |
|      |          |      |                 | 60'             | TLC-LED-900    | 1          | 1         | 0           |
|      |          |      |                 |                 |                |            |           |             |
| 1    | E1       | 60'  | -               | 60'             | TLC-LED-550    | 2/1*       | 2         | 1           |
|      |          |      |                 | 60'             | TLC-LED-1200   | 1*         | 0         | 1           |
|      |          |      |                 | 15.5'           | TLC-BT-575     | 2          | 2         | 0           |
|      |          |      |                 | 60'             | TLC-LED-900    | 2/2*       | 2         | 2           |
| 1    | E2       | 60'  | -               | 60'             | TLC-LED-550    | 2          | 2         | 0           |
|      |          |      |                 | 15.5'           | TLC-BT-575     | 2          | 2         | 0           |
|      |          |      |                 |                 |                |            |           |             |
|      |          |      |                 | 60'             | TLC-LED-900    | 2          | 2         | 0           |
| 10   | TOTALS   |      |                 |                 |                | 75         | 58        | 17          |

\* This structure utilizes a back-to-back mounting configuration



|    |    |
|----|----|
| 22 | 19 |
| 29 | 26 |
| 31 | 29 |
| 33 | 31 |
| 34 | 30 |
| 30 | 26 |
| 23 | 21 |
| 17 | 15 |



Pole location(s) ⦿ dimensions are relative to 0,0 reference point(s) ⊗

Rancho Mirage High School LED Field Lighting  
Rancho Mirage, CA

| GRID SUMMARY |                                   |
|--------------|-----------------------------------|
| Name:        | Varsity Baseball 3rd Base Bullpen |
| Size:        | Irregular 331' / 377' / 334'      |
| Spacing:     | 10.0' x 10.0'                     |
| Height:      | 3.0' above grade                  |

| ILLUMINATION SUMMARY              |             |
|-----------------------------------|-------------|
| MAINTAINED HORIZONTAL FOOTCANDLES |             |
|                                   | Entire Grid |
| Scan Average:                     | 26.00       |
| Maximum:                          | 34          |
| Minimum:                          | 15          |
| Avg / Min:                        | 1.69        |
| Max / Min:                        | 2.20        |
| UG (adjacent pts):                | 1.38        |
| CU:                               | 0.01        |
| No. of Points:                    | 16          |
| LUMINAIRE INFORMATION             |             |
| Applied Circuits:                 | A           |
| No. of Luminaires:                | 58          |
| Total Load:                       | 51.41 kW    |

**Guaranteed Performance:** The ILLUMINATION described above is guaranteed per your Musco Warranty document and includes a 0.95 dirt depreciation factor.

**Field Measurements:** Individual field measurements may vary from computer-calculated predictions and should be taken in accordance with IESNA RP-6-15.

**Electrical System Requirements:** Refer to Amperage Draw Chart and/or the "Musco Control System Summary" for electrical sizing.

**Installation Requirements:** Results assume ± 3% nominal voltage at line side of the driver and structures located within 3 feet (1m) of design locations.



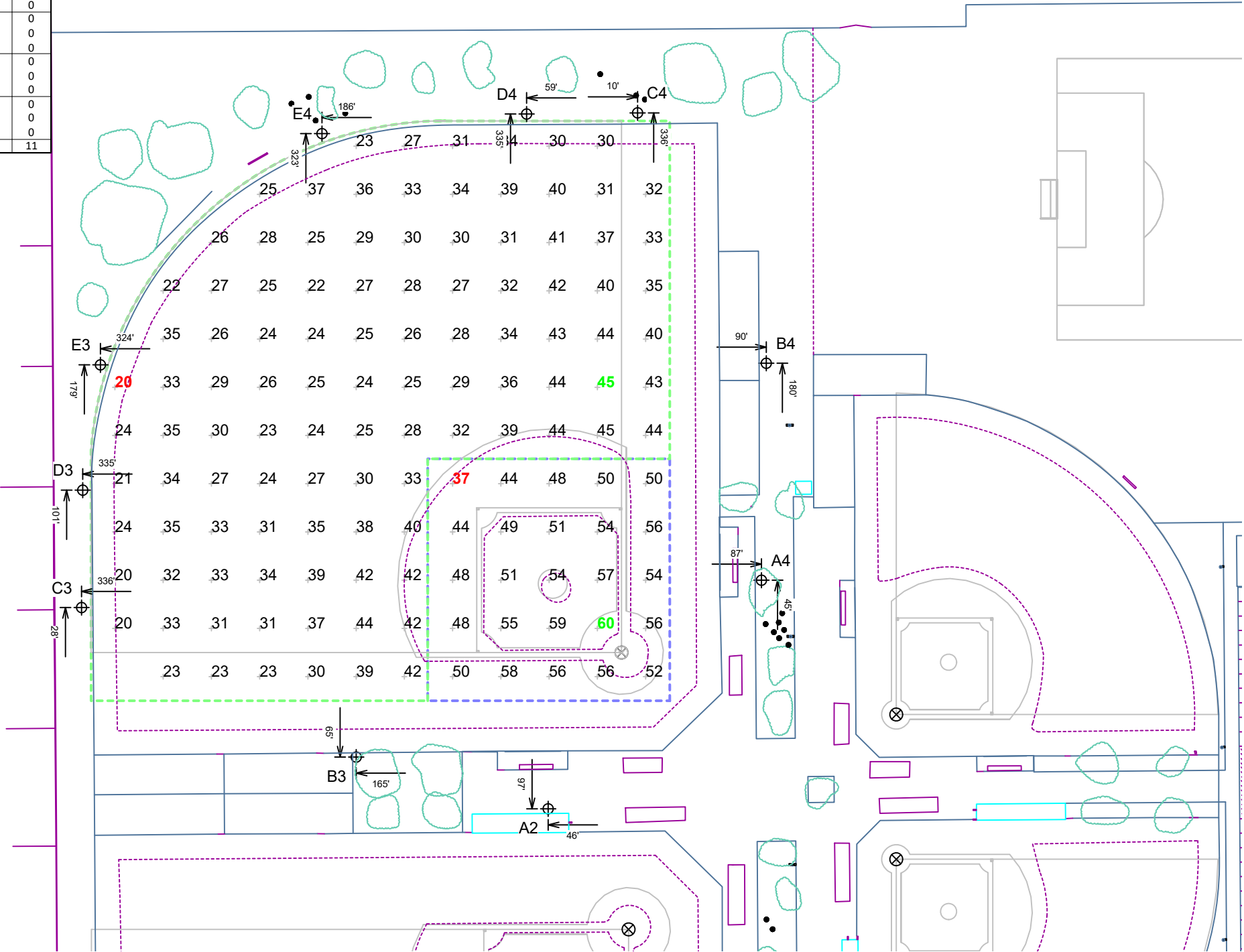
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ILLUMINATION SUMMARY

EQUIPMENT LIST FOR AREAS SHOWN

| Pole |          |      |                 | Luminaires      |                |            |           |             |
|------|----------|------|-----------------|-----------------|----------------|------------|-----------|-------------|
| QTY  | LOCATION | SIZE | GRADE ELEVATION | MOUNTING HEIGHT | LUMINAIRE TYPE | QTY / POLE | THIS GRID | OTHER GRIDS |
| 1    | A2       | 80'  | -               | 15.5'           | TLC-BT-575     | 1/1*       | 1         | 1           |
|      |          |      |                 | 80'             | TLC-LED-1500   | 4/4*       | 4         | 4           |
| 1    | A4       | 80'  | -               | 80'             | TLC-LED-900    | 5*         | 0         | 5           |
|      |          |      |                 | 15.5'           | TLC-BT-575     | 1/1*       | 1         | 1           |
|      |          |      |                 | 80'             | TLC-LED-1500   | 4          | 4         | 0           |
| 1    | B3       | 90'  | -               | 90'             | TLC-LED-550    | 3          | 3         | 0           |
|      |          |      |                 | 15.5'           | TLC-BT-575     | 1          | 1         | 0           |
|      |          |      |                 | 60'             | TLC-LED-900    | 1          | 1         | 0           |
|      |          |      |                 | 90'             | TLC-LED-1500   | 5          | 5         | 0           |
| 1    | B4       | 90'  | -               | 90'             | TLC-LED-1500   | 5          | 5         | 0           |
|      |          |      |                 | 15.5'           | TLC-BT-575     | 1          | 1         | 0           |
|      |          |      |                 | 60'             | TLC-LED-550    | 1          | 1         | 0           |
|      |          |      |                 | 90'             | TLC-LED-900    | 3          | 3         | 0           |
| 2    | C3-C4    | 60'  | -               | 60'             | TLC-LED-550    | 3          | 3         | 0           |
| 1    | D3       | 60'  | -               | 15.5'           | TLC-BT-575     | 1          | 1         | 0           |
|      |          |      |                 | 60'             | TLC-LED-550    | 4          | 4         | 0           |
| 1    | D4       | 60'  | -               | 60'             | TLC-LED-550    | 2          | 2         | 0           |
|      |          |      |                 | 15.5'           | TLC-BT-575     | 1          | 1         | 0           |
|      |          |      |                 | 60'             | TLC-LED-900    | 2          | 2         | 0           |
| 1    | E3       | 60'  | -               | 60'             | TLC-LED-550    | 2          | 2         | 0           |
|      |          |      |                 | 15.5'           | TLC-BT-575     | 2          | 2         | 0           |
|      |          |      |                 | 60'             | TLC-LED-900    | 2          | 2         | 0           |
| 1    | E4       | 60'  | -               | 60'             | TLC-LED-550    | 1          | 1         | 0           |
|      |          |      |                 | 15.5'           | TLC-BT-575     | 2          | 2         | 0           |
|      |          |      |                 | 60'             | TLC-LED-900    | 3          | 3         | 0           |
| 10   | TOTALS   |      |                 |                 |                | 69         | 58        | 11          |

\* This structure utilizes a back-to-back mounting configuration



Rancho Mirage High School LED Field Lighting  
Rancho Mirage, CA

| GRID SUMMARY |                              |
|--------------|------------------------------|
| Name:        | JV Baseball                  |
| Size:        | Irregular 330' / 376' / 331' |
| Spacing:     | 30.0' x 30.0'                |
| Height:      | 3.0' above grade             |

| ILLUMINATION SUMMARY              |          |          |
|-----------------------------------|----------|----------|
| MAINTAINED HORIZONTAL FOOTCANDLES |          |          |
|                                   | Infield  | Outfield |
| Guaranteed Average:               | 50       | 30       |
| Scan Average:                     | 51.88    | 31.75    |
| Maximum:                          | 60       | 45       |
| Minimum:                          | 37       | 20       |
| Avg / Min:                        | 1.39     | 1.57     |
| Guaranteed Max / Min:             | 2        | 2.5      |
| Max / Min:                        | 1.60     | 2.22     |
| UG (adjacent pts):                | 1.18     | 1.62     |
| CU:                               | 0.67     |          |
| No. of Points:                    | 25       | 105      |
| LUMINAIRE INFORMATION             |          |          |
| Applied Circuits:                 | B        |          |
| No. of Luminaires:                | 58       |          |
| Total Load:                       | 51.07 kW |          |

**Guaranteed Performance:** The ILLUMINATION described above is guaranteed per your Musco Warranty document and includes a 0.95 dirt depreciation factor.

**Field Measurements:** Individual field measurements may vary from computer-calculated predictions and should be taken in accordance with IESNA RP-6-15.

**Electrical System Requirements:** Refer to Amperage Draw Chart and/or the "Musco Control System Summary" for electrical sizing.

**Installation Requirements:** Results assume ± 3% nominal voltage at line side of the driver and structures located within 3 feet (1m) of design locations.

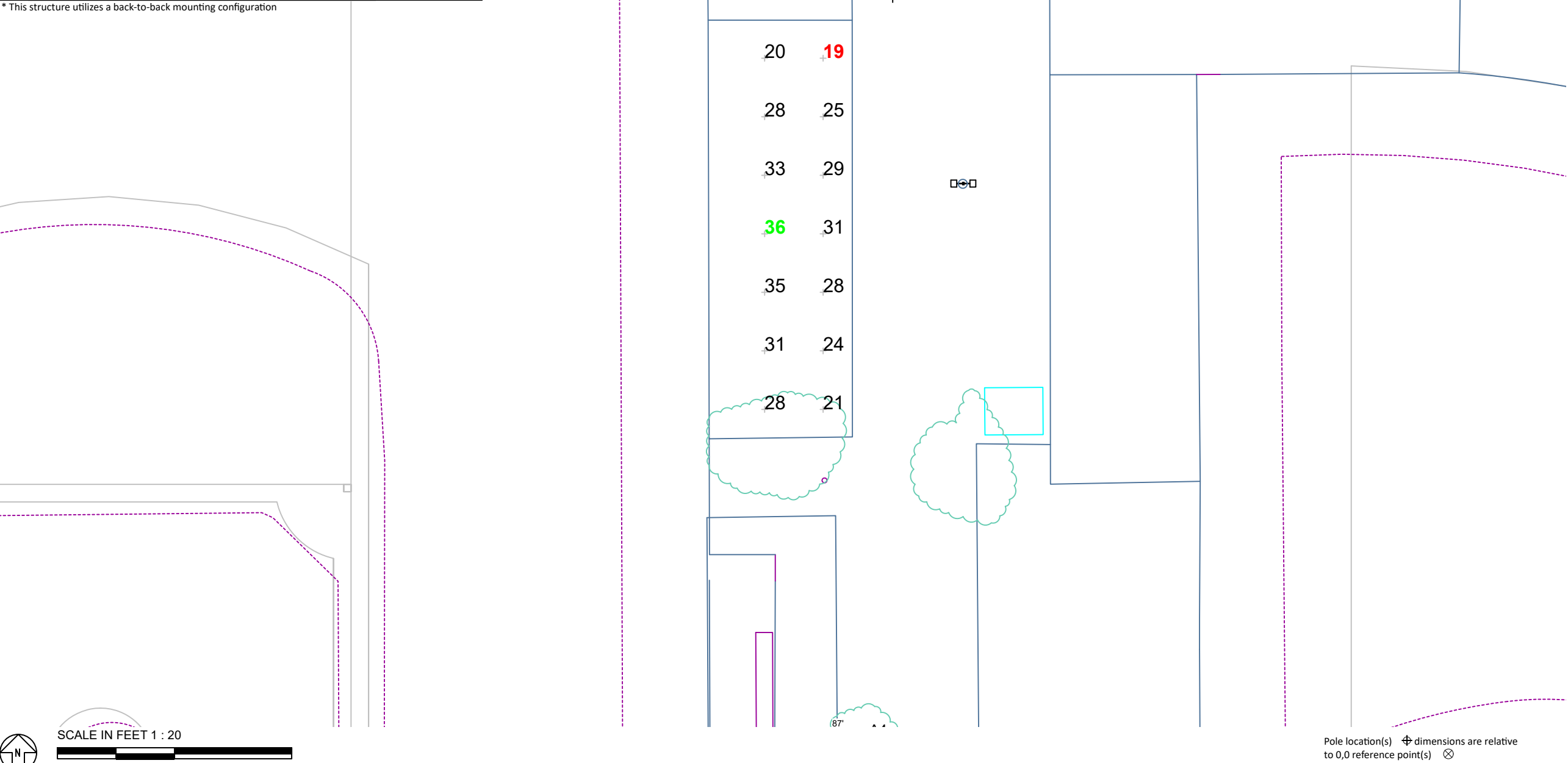


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ILLUMINATION SUMMARY

| EQUIPMENT LIST FOR AREAS SHOWN |          |      |                 |                 |                |            |           |             |
|--------------------------------|----------|------|-----------------|-----------------|----------------|------------|-----------|-------------|
| Pole                           |          |      |                 | Luminaires      |                |            |           |             |
| QTY                            | LOCATION | SIZE | GRADE ELEVATION | MOUNTING HEIGHT | LUMINAIRE TYPE | QTY / POLE | THIS GRID | OTHER GRIDS |
| 1                              | A2       | 80'  | -               | 15.5'           | TLC-BT-575     | 1/1*       | 1         | 1           |
|                                |          |      |                 | 80'             | TLC-LED-1500   | 4/4*       | 4         | 4           |
| 1                              | A4       | 80'  | -               | 80'             | TLC-LED-900    | 5*         | 0         | 5           |
|                                |          |      |                 | 15.5'           | TLC-BT-575     | 1/1*       | 1         | 1           |
|                                |          |      |                 | 80'             | TLC-LED-1500   | 4          | 4         | 0           |
| 1                              | B3       | 90'  | -               | 90'             | TLC-LED-550    | 3          | 3         | 0           |
|                                |          |      |                 | 15.5'           | TLC-BT-575     | 1          | 1         | 0           |
|                                |          |      |                 | 60'             | TLC-LED-900    | 1          | 1         | 0           |
|                                |          |      |                 | 90'             | TLC-LED-1500   | 5          | 5         | 0           |
| 1                              | B4       | 90'  | -               | 90'             | TLC-LED-1500   | 5          | 5         | 0           |
|                                |          |      |                 | 15.5'           | TLC-BT-575     | 1          | 1         | 0           |
|                                |          |      |                 | 60'             | TLC-LED-550    | 1          | 1         | 0           |
|                                |          |      |                 | 90'             | TLC-LED-900    | 3          | 3         | 0           |
| 2                              | C3-C4    | 60'  | -               | 60'             | TLC-LED-550    | 3          | 3         | 0           |
| 1                              | D3       | 60'  | -               | 15.5'           | TLC-BT-575     | 1          | 1         | 0           |
|                                |          |      |                 | 60'             | TLC-LED-550    | 4          | 4         | 0           |
| 1                              | D4       | 60'  | -               | 60'             | TLC-LED-550    | 2          | 2         | 0           |
|                                |          |      |                 | 15.5'           | TLC-BT-575     | 1          | 1         | 0           |
|                                |          |      |                 | 60'             | TLC-LED-900    | 2          | 2         | 0           |
| 1                              | E3       | 60'  | -               | 60'             | TLC-LED-550    | 2          | 2         | 0           |
|                                |          |      |                 | 15.5'           | TLC-BT-575     | 2          | 2         | 0           |
|                                |          |      |                 | 60'             | TLC-LED-900    | 2          | 2         | 0           |
| 1                              | E4       | 60'  | -               | 60'             | TLC-LED-550    | 1          | 1         | 0           |
|                                |          |      |                 | 15.5'           | TLC-BT-575     | 2          | 2         | 0           |
|                                |          |      |                 | 60'             | TLC-LED-900    | 3          | 3         | 0           |
| 10                             | TOTALS   |      |                 |                 |                | 69         | 58        | 11          |

\* This structure utilizes a back-to-back mounting configuration



Rancho Mirage High School LED Field Lighting  
Rancho Mirage,CA

| GRID SUMMARY |                              |
|--------------|------------------------------|
| Name:        | JV Baseball 1st Base Bullpen |
| Size:        | Irregular 330' / 376' / 331' |
| Spacing:     | 10.0' x 10.0'                |
| Height:      | 3.0' above grade             |

| ILLUMINATION SUMMARY              |             |
|-----------------------------------|-------------|
| MAINTAINED HORIZONTAL FOOTCANDLES |             |
|                                   | Entire Grid |
| Scan Average:                     | 27.85       |
| Maximum:                          | 36          |
| Minimum:                          | 19          |
| Avg / Min:                        | 1.43        |
| Max / Min:                        | 1.87        |
| UG (adjacent pts):                | 1.36        |
| CU:                               | 0.01        |
| No. of Points:                    | 14          |
| LUMINAIRE INFORMATION             |             |
| Applied Circuits:                 | B           |
| No. of Luminaires:                | 58          |
| Total Load:                       | 51.07 kW    |

**Guaranteed Performance:** The ILLUMINATION described above is guaranteed per your Musco Warranty document and includes a 0.95 dirt depreciation factor.

**Field Measurements:** Individual field measurements may vary from computer-calculated predictions and should be taken in accordance with IESNA RP-6-15.

**Electrical System Requirements:** Refer to Amperage Draw Chart and/or the "Musco Control System Summary" for electrical sizing.

**Installation Requirements:** Results assume ± 3% nominal voltage at line side of the driver and structures located within 3 feet (1m) of design locations.

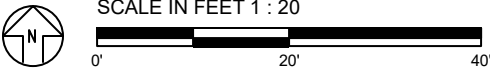
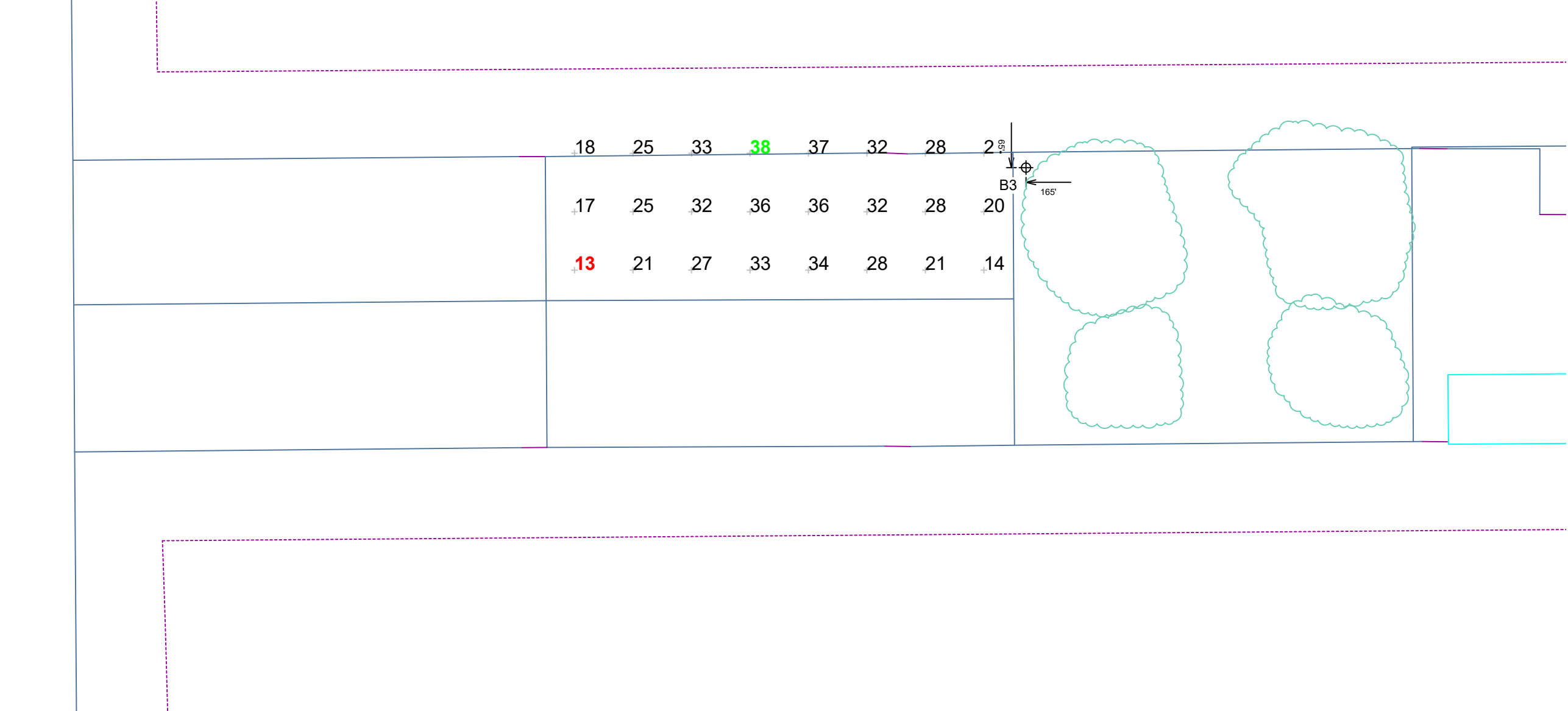


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ILLUMINATION SUMMARY

| EQUIPMENT LIST FOR AREAS SHOWN |          |      |                 |                 |                |            |           |             |
|--------------------------------|----------|------|-----------------|-----------------|----------------|------------|-----------|-------------|
| Pole                           |          |      |                 | Luminaires      |                |            |           |             |
| QTY                            | LOCATION | SIZE | GRADE ELEVATION | MOUNTING HEIGHT | LUMINAIRE TYPE | QTY / POLE | THIS GRID | OTHER GRIDS |
| 1                              | A2       | 80'  | -               | 15.5'           | TLC-BT-575     | 1/1*       | 1         | 1           |
|                                |          |      |                 | 80'             | TLC-LED-1500   | 4/4*       | 4         | 4           |
| 1                              | A4       | 80'  | -               | 80'             | TLC-LED-900    | 5*         | 0         | 5           |
|                                |          |      |                 | 15.5'           | TLC-BT-575     | 1/1*       | 1         | 1           |
|                                |          |      |                 | 80'             | TLC-LED-1500   | 4          | 4         | 0           |
| 1                              | B3       | 90'  | -               | 90'             | TLC-LED-550    | 3          | 3         | 0           |
|                                |          |      |                 | 15.5'           | TLC-BT-575     | 1          | 1         | 0           |
|                                |          |      |                 | 60'             | TLC-LED-900    | 1          | 1         | 0           |
|                                |          |      |                 | 90'             | TLC-LED-1500   | 5          | 5         | 0           |
| 1                              | B4       | 90'  | -               | 90'             | TLC-LED-1500   | 5          | 5         | 0           |
|                                |          |      |                 | 15.5'           | TLC-BT-575     | 1          | 1         | 0           |
|                                |          |      |                 | 60'             | TLC-LED-550    | 1          | 1         | 0           |
|                                |          |      |                 | 90'             | TLC-LED-900    | 3          | 3         | 0           |
| 2                              | C3-C4    | 60'  | -               | 60'             | TLC-LED-550    | 3          | 3         | 0           |
| 1                              | D3       | 60'  | -               | 15.5'           | TLC-BT-575     | 1          | 1         | 0           |
|                                |          |      |                 | 60'             | TLC-LED-550    | 4          | 4         | 0           |
| 1                              | D4       | 60'  | -               | 60'             | TLC-LED-550    | 2          | 2         | 0           |
|                                |          |      |                 | 15.5'           | TLC-BT-575     | 1          | 1         | 0           |
|                                |          |      |                 | 60'             | TLC-LED-900    | 2          | 2         | 0           |
| 1                              | E3       | 60'  | -               | 60'             | TLC-LED-550    | 2          | 2         | 0           |
|                                |          |      |                 | 15.5'           | TLC-BT-575     | 2          | 2         | 0           |
|                                |          |      |                 | 60'             | TLC-LED-900    | 2          | 2         | 0           |
| 1                              | E4       | 60'  | -               | 60'             | TLC-LED-550    | 1          | 1         | 0           |
|                                |          |      |                 | 15.5'           | TLC-BT-575     | 2          | 2         | 0           |
|                                |          |      |                 | 60'             | TLC-LED-900    | 3          | 3         | 0           |
| 10                             | TOTALS   |      |                 |                 |                | 69         | 58        | 11          |

\* This structure utilizes a back-to-back mounting configuration



| GRID SUMMARY |                              |
|--------------|------------------------------|
| Name:        | JV Baseball 3rd Base Bullpen |
| Size:        | Irregular 330' / 376' / 331' |
| Spacing:     | 10.0' x 10.0'                |
| Height:      | 3.0' above grade             |

| ILLUMINATION SUMMARY              |             |
|-----------------------------------|-------------|
| MAINTAINED HORIZONTAL FOOTCANDLES |             |
|                                   | Entire Grid |
| Scan Average:                     | 27.09       |
| Maximum:                          | 38          |
| Minimum:                          | 13          |
| Avg / Min:                        | 2.02        |
| Max / Min:                        | 2.82        |
| UG (adjacent pts):                | 1.56        |
| CU:                               | 0.01        |
| No. of Points:                    | 24          |
| LUMINAIRE INFORMATION             |             |
| Applied Circuits:                 | B           |
| No. of Luminaires:                | 58          |
| Total Load:                       | 51.07 kW    |

**Guaranteed Performance:** The ILLUMINATION described above is guaranteed per your Musco Warranty document and includes a 0.95 dirt depreciation factor.

**Field Measurements:** Individual field measurements may vary from computer-calculated predictions and should be taken in accordance with IESNA RP-6-15.

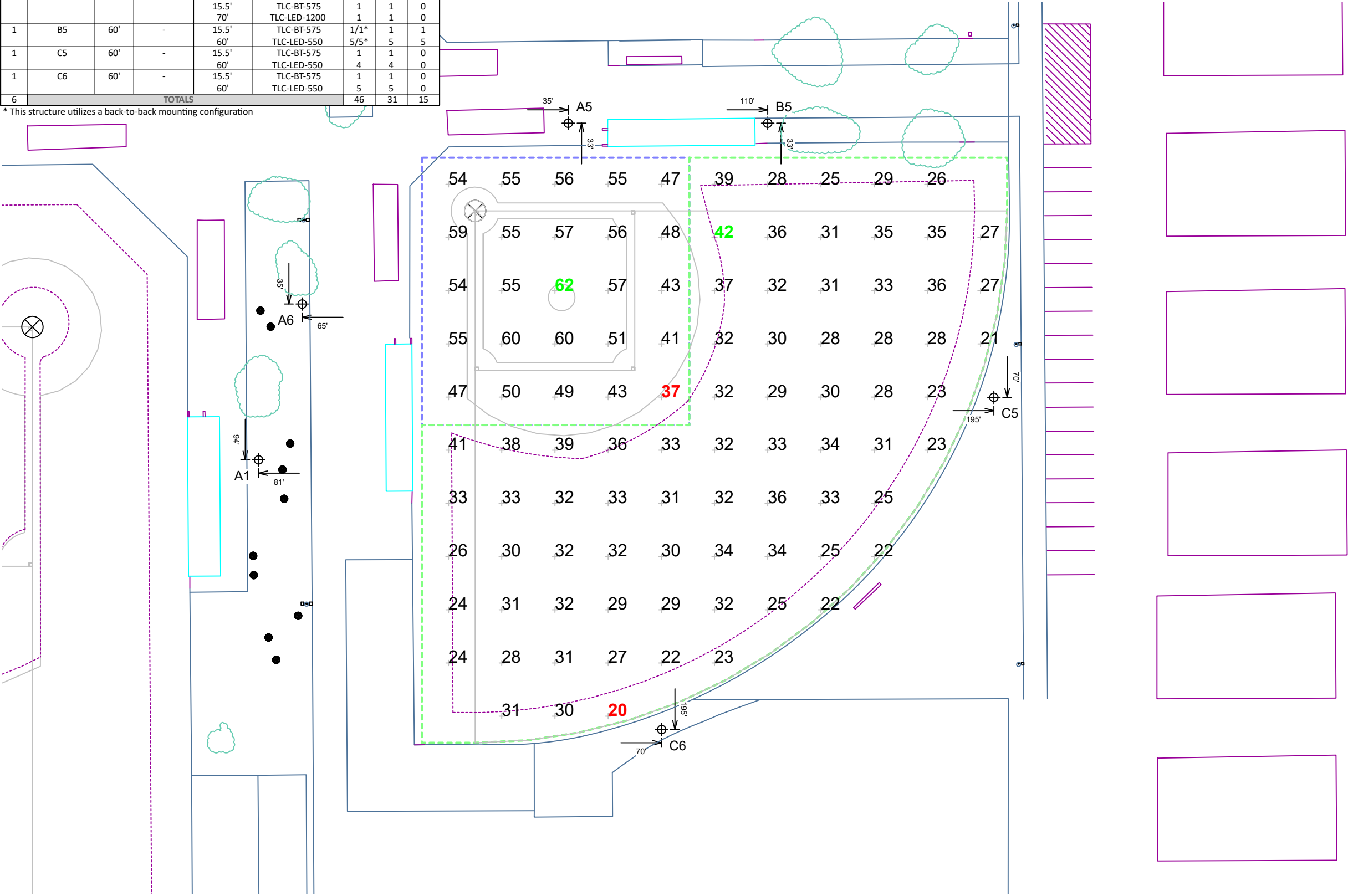
**Electrical System Requirements:** Refer to Amperage Draw Chart and/or the "Musco Control System Summary" for electrical sizing.

**Installation Requirements:** Results assume ± 3% nominal voltage at line side of the driver and structures located within 3 feet (1m) of design locations.



| EQUIPMENT LIST FOR AREAS SHOWN |          |      |                 |                 |                |            |           |             |   |
|--------------------------------|----------|------|-----------------|-----------------|----------------|------------|-----------|-------------|---|
| Pole                           |          |      |                 | Luminaires      |                |            |           |             |   |
| QTY                            | LOCATION | SIZE | GRADE ELEVATION | MOUNTING HEIGHT | LUMINAIRE TYPE | QTY / POLE | THIS GRID | OTHER GRIDS |   |
| 1                              | A1       | 80'  | 0'              | 80'             | TLC-LED-900    | 5*         | 5         | 5           | 0 |
|                                |          |      |                 | 15.54'          | TLC-BT-575     | 1/1*       | 1         | 1           | 1 |
|                                |          |      |                 | 80'             | TLC-LED-1500   | 4          | 0         | 0           | 4 |
| 1                              | A5       | 60'  | -               | 15.5'           | TLC-BT-575     | 1/1*       | 1         | 1           | 1 |
|                                |          |      |                 | 60'             | TLC-LED-900    | 3/3*       | 3         | 3           | 3 |
| 1                              | A6       | 70'  | -               | 70'             | TLC-LED-900    | 2          | 2         | 0           | 0 |
|                                |          |      |                 | 15.5'           | TLC-BT-575     | 1          | 1         | 0           | 0 |
|                                |          |      |                 | 70'             | TLC-LED-1200   | 1          | 1         | 0           | 0 |
| 1                              | B5       | 60'  | -               | 15.5'           | TLC-BT-575     | 1/1*       | 1         | 1           | 1 |
|                                |          |      |                 | 60'             | TLC-LED-550    | 5/5*       | 5         | 5           | 5 |
| 1                              | C5       | 60'  | -               | 15.5'           | TLC-BT-575     | 1          | 1         | 0           | 0 |
|                                |          |      |                 | 60'             | TLC-LED-550    | 4          | 4         | 0           | 0 |
| 1                              | C6       | 60'  | -               | 15.5'           | TLC-BT-575     | 1          | 1         | 0           | 0 |
|                                |          |      |                 | 60'             | TLC-LED-550    | 5          | 5         | 0           | 0 |
| 6                              | TOTALS   |      |                 |                 |                | 46         | 31        | 15          |   |

\* This structure utilizes a back-to-back mounting configuration



Rancho Mirage High School LED Field Lighting  
Rancho Mirage, CA

| GRID SUMMARY |                               |
|--------------|-------------------------------|
| Name:        | Varsity Softball              |
| Size:        | 200'/200'/200' - basepath 60' |
| Spacing:     | 20.0' x 20.0'                 |
| Height:      | 3.0' above grade              |

| ILLUMINATION SUMMARY              |          |          |
|-----------------------------------|----------|----------|
| MAINTAINED HORIZONTAL FOOTCANDLES |          |          |
|                                   | Infield  | Outfield |
| Guaranteed Average:               | 50       | 30       |
| Scan Average:                     | 52.30    | 30.26    |
| Maximum:                          | 62       | 42       |
| Minimum:                          | 37       | 20       |
| Avg / Min:                        | 1.41     | 1.50     |
| Guaranteed Max / Min:             | 2        | 2.5      |
| Max / Min:                        | 1.68     | 2.09     |
| UG (adjacent pts):                | 1.32     | 1.47     |
| CU:                               | 0.58     |          |
| No. of Points:                    | 25       | 73       |
| LUMINAIRE INFORMATION             |          |          |
| Applied Circuits:                 | C        |          |
| No. of Luminaires:                | 31       |          |
| Total Load:                       | 20.98 kW |          |

**Guaranteed Performance:** The ILLUMINATION described above is guaranteed per your Musco Warranty document and includes a 0.95 dirt depreciation factor.

**Field Measurements:** Individual field measurements may vary from computer-calculated predictions and should be taken in accordance with IESNA RP-6-15.

**Electrical System Requirements:** Refer to Amperage Draw Chart and/or the "Musco Control System Summary" for electrical sizing.

**Installation Requirements:** Results assume ± 3% nominal voltage at line side of the driver and structures located within 3 feet (1m) of design locations.

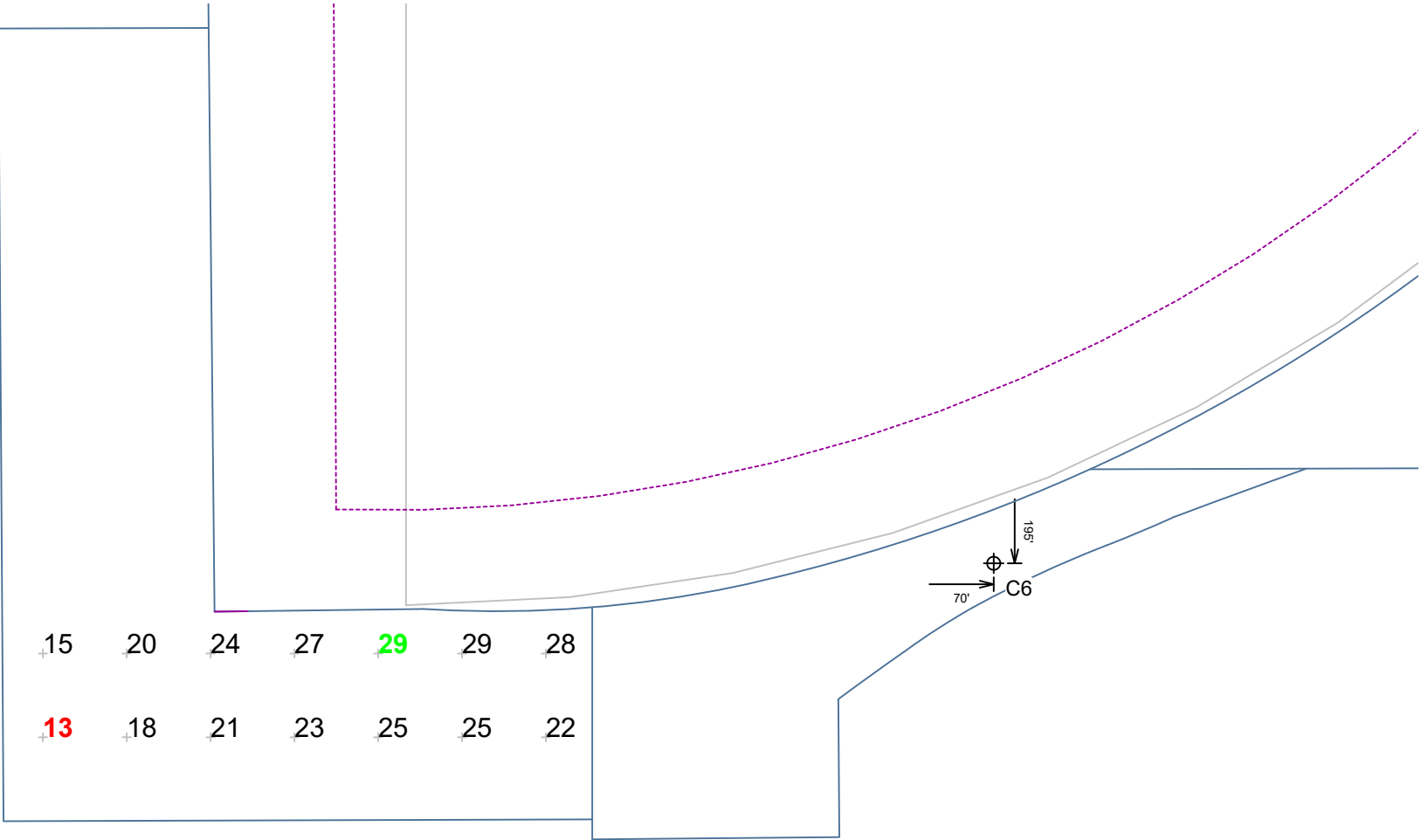
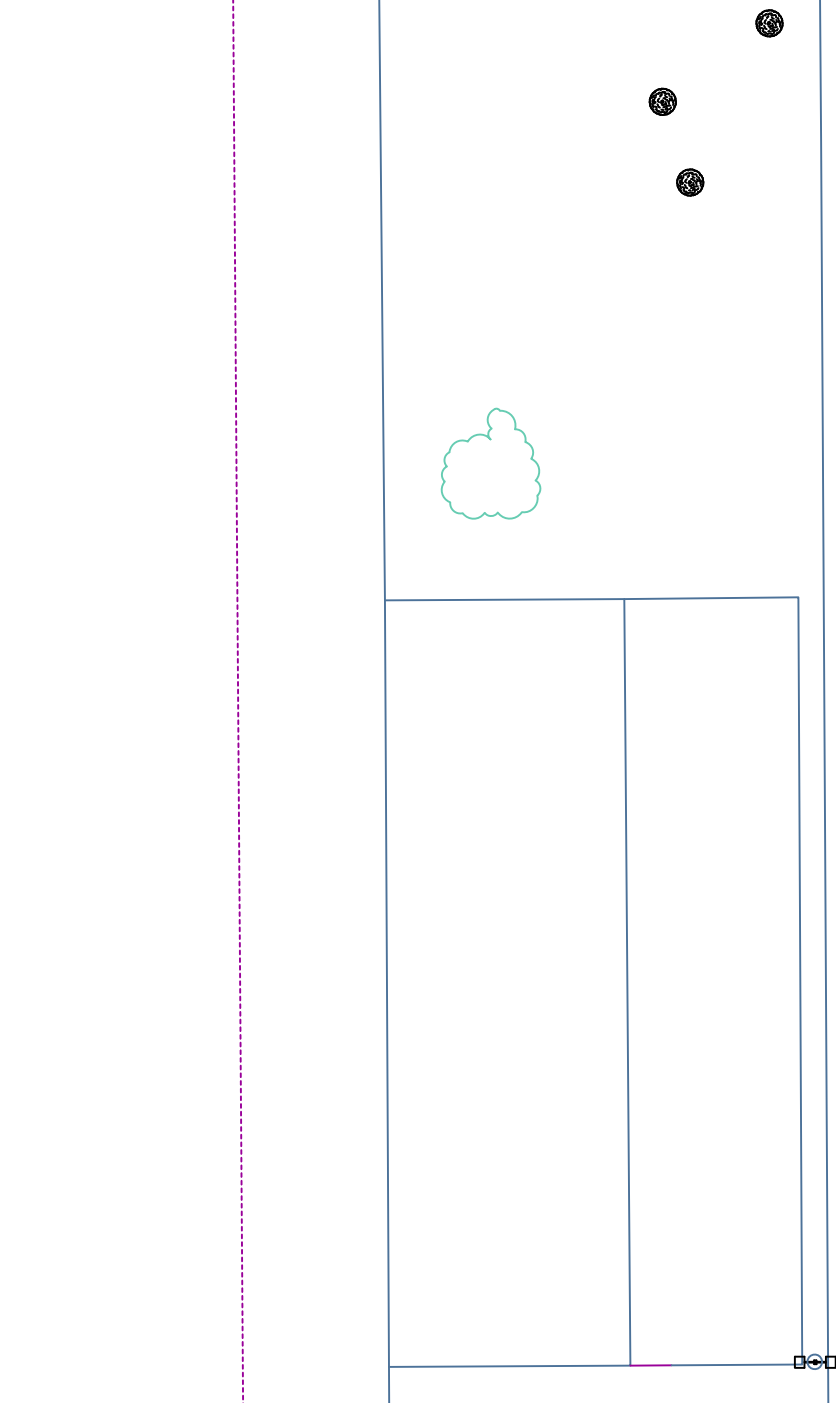


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ILLUMINATION SUMMARY

| EQUIPMENT LIST FOR AREAS SHOWN |          |      |                 |                 |                |            |           |             |
|--------------------------------|----------|------|-----------------|-----------------|----------------|------------|-----------|-------------|
| Pole                           |          |      |                 | Luminaires      |                |            |           |             |
| QTY                            | LOCATION | SIZE | GRADE ELEVATION | MOUNTING HEIGHT | LUMINAIRE TYPE | QTY / POLE | THIS GRID | OTHER GRIDS |
| 1                              | A1       | 80'  | 0'              | 80'             | TLC-LED-900    | 5*         | 5         | 0           |
|                                |          |      |                 | 15.54'          | TLC-BT-575     | 1/1*       | 1         | 1           |
|                                |          |      |                 | 80'             | TLC-LED-1500   | 4          | 0         | 4           |
| 1                              | A5       | 60'  | -               | 15.5'           | TLC-BT-575     | 1/1*       | 1         | 1           |
|                                |          |      |                 | 60'             | TLC-LED-900    | 3/3*       | 3         | 3           |
|                                |          |      |                 | 70'             | TLC-LED-900    | 2          | 2         | 0           |
| 1                              | A6       | 70'  | -               | 15.5'           | TLC-BT-575     | 1          | 1         | 0           |
|                                |          |      |                 | 70'             | TLC-LED-1200   | 1          | 1         | 0           |
|                                |          |      |                 | 15.5'           | TLC-BT-575     | 1/1*       | 1         | 1           |
| 1                              | B5       | 60'  | -               | 60'             | TLC-LED-550    | 5/5*       | 5         | 5           |
|                                |          |      |                 | 15.5'           | TLC-BT-575     | 1          | 1         | 0           |
|                                |          |      |                 | 60'             | TLC-LED-550    | 4          | 4         | 0           |
| 1                              | C5       | 60'  | -               | 15.5'           | TLC-BT-575     | 1          | 1         | 0           |
|                                |          |      |                 | 60'             | TLC-LED-550    | 4          | 4         | 0           |
|                                |          |      |                 | 15.5'           | TLC-BT-575     | 1          | 1         | 0           |
| 1                              | C6       | 60'  | -               | 60'             | TLC-LED-550    | 5          | 5         | 0           |
|                                |          |      |                 | 15.5'           | TLC-BT-575     | 1          | 1         | 0           |
|                                |          |      |                 | 60'             | TLC-LED-550    | 5          | 5         | 0           |
| 6                              | TOTALS   |      |                 |                 |                | 46         | 31        | 15          |

\* This structure utilizes a back-to-back mounting configuration



Rancho Mirage High School LED Field Lighting  
Rancho Mirage,CA

| GRID SUMMARY |                               |
|--------------|-------------------------------|
| Name:        | Varsity Softball Bullpen      |
| Size:        | 200'/200'/200' - basepath 60' |
| Spacing:     | 10.0' x 10.0'                 |
| Height:      | 0.0' above grade              |

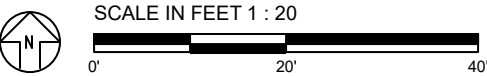
| ILLUMINATION SUMMARY              |             |
|-----------------------------------|-------------|
| MAINTAINED HORIZONTAL FOOTCANDLES |             |
|                                   | Entire Grid |
| Scan Average:                     | 22.83       |
| Maximum:                          | 29          |
| Minimum:                          | 13          |
| Avg / Min:                        | 1.71        |
| Max / Min:                        | 2.20        |
| UG (adjacent pts):                | 1.31        |
| CU:                               | 0.01        |
| No. of Points:                    | 14          |
| LUMINAIRE INFORMATION             |             |
| Applied Circuits:                 | C           |
| No. of Luminaires:                | 31          |
| Total Load:                       | 20.98 kW    |

**Guaranteed Performance:** The ILLUMINATION described above is guaranteed per your Musco Warranty document and includes a 0.95 dirt depreciation factor.

**Field Measurements:** Individual field measurements may vary from computer-calculated predictions and should be taken in accordance with IESNA RP-6-15.

**Electrical System Requirements:** Refer to Amperage Draw Chart and/or the "Musco Control System Summary" for electrical sizing.

**Installation Requirements:** Results assume  $\pm 3\%$  nominal voltage at line side of the driver and structures located within 3 feet (1m) of design locations.



Pole location(s)  $\oplus$  dimensions are relative to 0,0 reference point(s)  $\otimes$

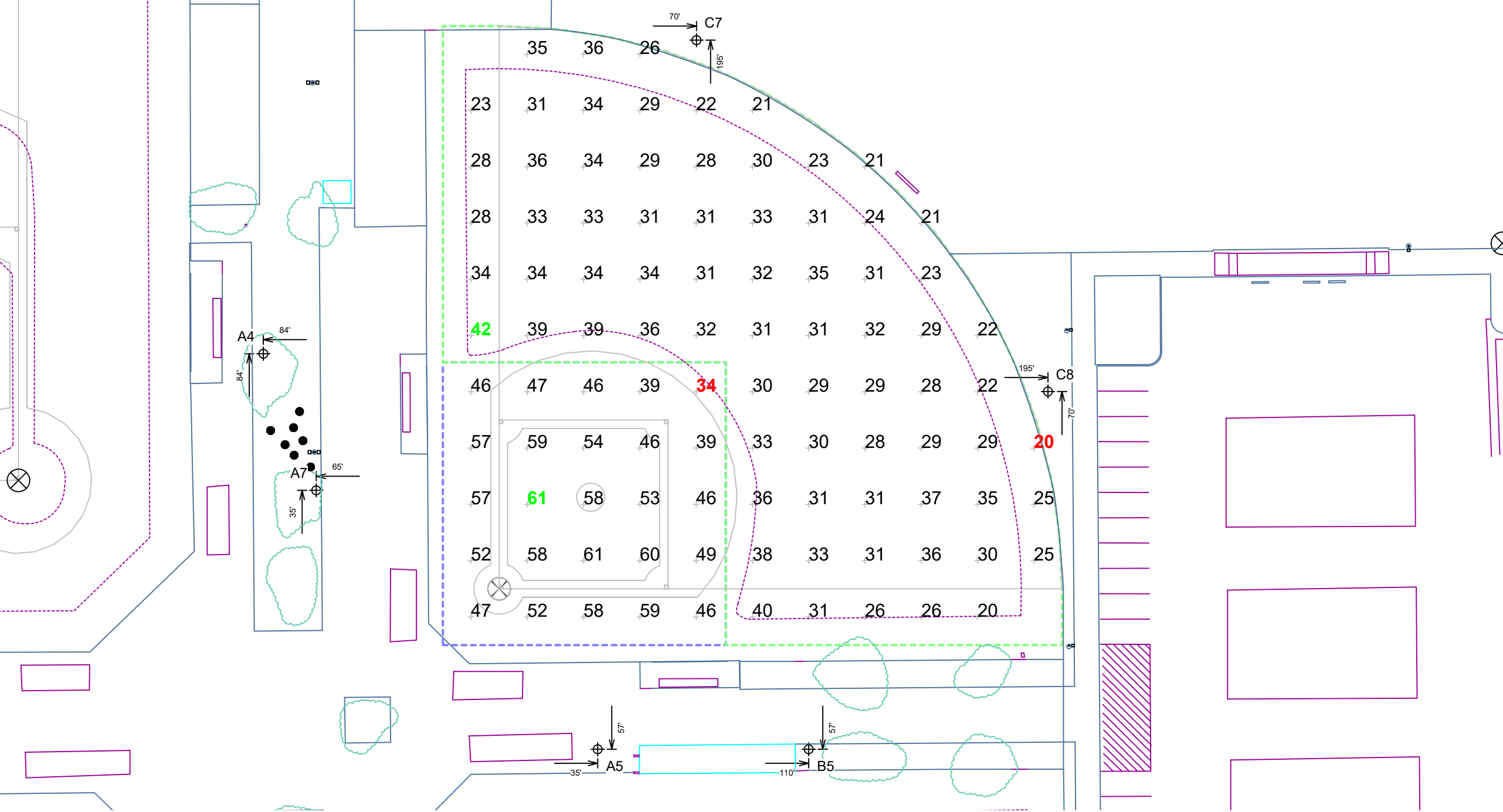


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EQUIPMENT LIST FOR AREAS SHOWN

| Pole |          |      |                 | Luminaires      |                |            |           |             |
|------|----------|------|-----------------|-----------------|----------------|------------|-----------|-------------|
| QTY  | LOCATION | SIZE | GRADE ELEVATION | MOUNTING HEIGHT | LUMINAIRE TYPE | QTY / POLE | THIS GRID | OTHER GRIDS |
| 1    | A4       | 80'  | -               | 80'             | TLC-LED-900    | 5*         | 5         | 0           |
|      |          |      |                 | 15.5'           | TLC-BT-575     | 1/1*       | 1         | 1           |
|      |          |      |                 | 80'             | TLC-LED-1500   | 4          | 0         | 4           |
| 1    | A5       | 60'  | 0'              | 15.46'          | TLC-BT-575     | 1/1*       | 1         | 1           |
|      |          |      |                 | 60'             | TLC-LED-900    | 3/3*       | 3         | 3           |
| 1    | A7       | 70'  | -               | 70'             | TLC-LED-900    | 2          | 2         | 0           |
|      |          |      |                 | 15.5'           | TLC-BT-575     | 1          | 1         | 0           |
|      |          |      |                 | 70'             | TLC-LED-1200   | 1          | 1         | 0           |
| 1    | B5       | 60'  | 0'              | 15.46'          | TLC-BT-575     | 1/1*       | 1         | 1           |
|      |          |      |                 | 60'             | TLC-LED-550    | 5/5*       | 5         | 5           |
| 1    | C7       | 60'  | -               | 60'             | TLC-LED-550    | 4          | 4         | 0           |
|      |          |      |                 | 15.5'           | TLC-BT-575     | 1          | 1         | 0           |
|      |          |      |                 | 60'             | TLC-LED-900    | 1          | 1         | 0           |
| 1    | C8       | 60'  | -               | 15.5'           | TLC-BT-575     | 1          | 1         | 0           |
|      |          |      |                 | 60'             | TLC-LED-550    | 4          | 4         | 0           |
| 6    | TOTALS   |      |                 |                 |                | 46         | 31        | 15          |

\* This structure utilizes a back-to-back mounting configuration



Rancho Mirage High School LED Field Lighting  
Rancho Mirage, CA

| GRID SUMMARY |                               |
|--------------|-------------------------------|
| Name:        | JV Softball                   |
| Size:        | 200'/200'/200' - basepath 60' |
| Spacing:     | 20.0' x 20.0'                 |
| Height:      | 3.0' above grade              |

| ILLUMINATION SUMMARY              |          |          |
|-----------------------------------|----------|----------|
| MAINTAINED HORIZONTAL FOOTCANDLES |          |          |
|                                   | Infield  | Outfield |
| Guaranteed Average:               | 50       | 30       |
| Scan Average:                     | 51.40    | 30.26    |
| Maximum:                          | 61       | 42       |
| Minimum:                          | 34       | 20       |
| Avg / Min:                        | 1.51     | 1.50     |
| Guaranteed Max / Min:             | 2        | 2.5      |
| Max / Min:                        | 1.80     | 2.09     |
| UG (adjacent pts):                | 1.27     | 1.48     |
| CU:                               | 0.57     |          |
| No. of Points:                    | 25       | 73       |
| LUMINAIRE INFORMATION             |          |          |
| Applied Circuits:                 | D        |          |
| No. of Luminaires:                | 31       |          |
| Total Load:                       | 21.32 kW |          |

**Guaranteed Performance:** The ILLUMINATION described above is guaranteed per your Musco Warranty document and includes a 0.95 dirt depreciation factor.

**Field Measurements:** Individual field measurements may vary from computer-calculated predictions and should be taken in accordance with IESNA RP-6-15.

**Electrical System Requirements:** Refer to Amperage Draw Chart and/or the "Musco Control System Summary" for electrical sizing.

**Installation Requirements:** Results assume ± 3% nominal voltage at line side of the driver and structures located within 3 feet (1m) of design locations.

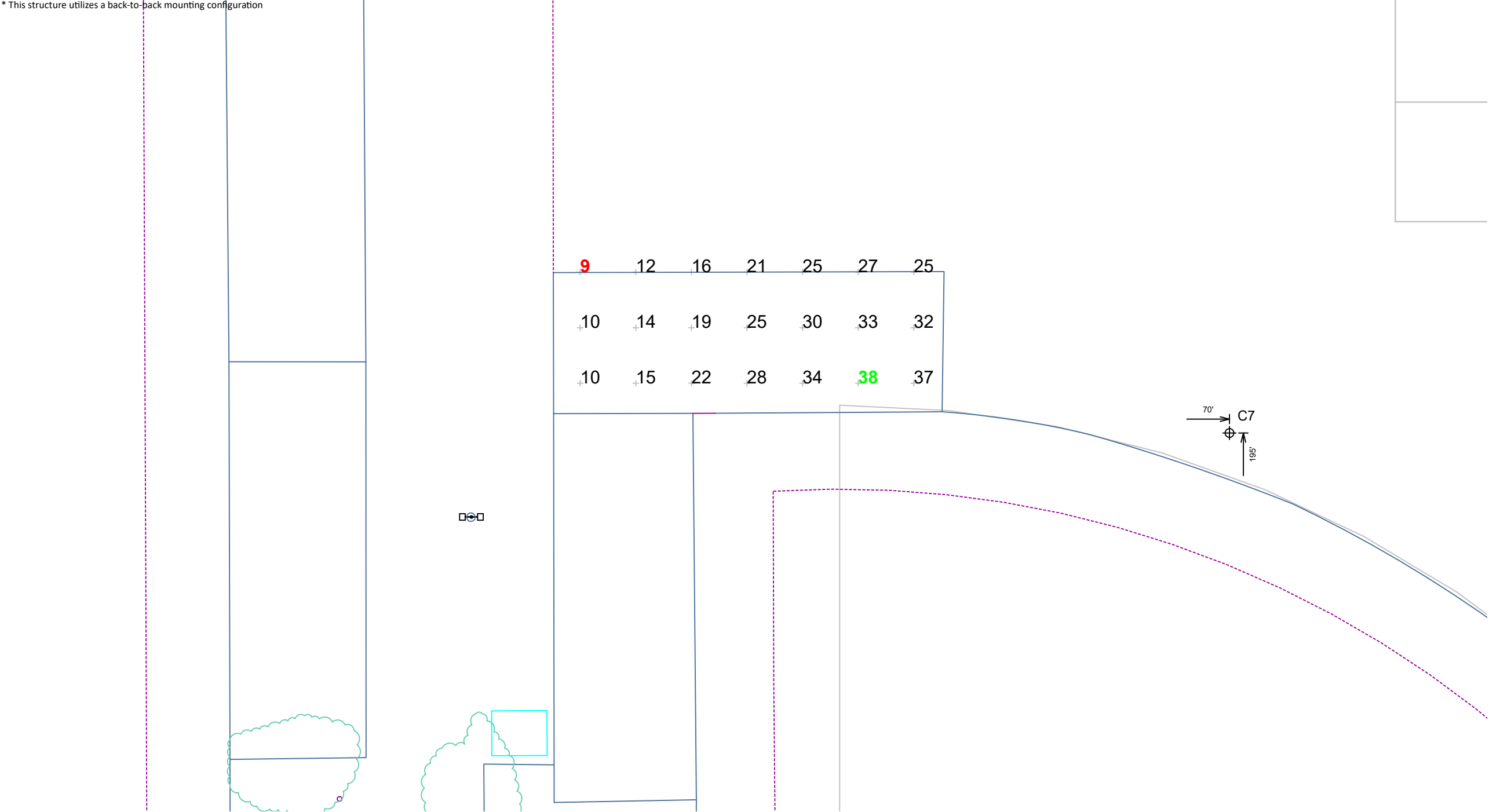


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ILLUMINATION SUMMARY

| EQUIPMENT LIST FOR AREAS SHOWN |          |      |                 |                 |                |            |           |             |
|--------------------------------|----------|------|-----------------|-----------------|----------------|------------|-----------|-------------|
| Pole                           |          |      |                 | Luminaires      |                |            |           |             |
| QTY                            | LOCATION | SIZE | GRADE ELEVATION | MOUNTING HEIGHT | LUMINAIRE TYPE | QTY / POLE | THIS GRID | OTHER GRIDS |
| 1                              | A4       | 80'  | -               | 80'             | TLC-LED-900    | 5*         | 5         | 0           |
|                                |          |      |                 | 15.5'           | TLC-BT-575     | 1/1*       | 1         | 1           |
|                                |          |      |                 | 80'             | TLC-LED-1500   | 4          | 0         | 4           |
| 1                              | A5       | 60'  | 0'              | 15.46'          | TLC-BT-575     | 1/1*       | 1         | 1           |
|                                |          |      |                 | 60'             | TLC-LED-900    | 3/3*       | 3         | 3           |
| 1                              | A7       | 70'  | -               | 70'             | TLC-LED-900    | 2          | 2         | 0           |
|                                |          |      |                 | 15.5'           | TLC-BT-575     | 1          | 1         | 0           |
|                                |          |      |                 | 70'             | TLC-LED-1200   | 1          | 1         | 0           |
| 1                              | B5       | 60'  | 0'              | 15.46'          | TLC-BT-575     | 1/1*       | 1         | 1           |
|                                |          |      |                 | 60'             | TLC-LED-550    | 5/5*       | 5         | 5           |
| 1                              | C7       | 60'  | -               | 60'             | TLC-LED-550    | 4          | 4         | 0           |
|                                |          |      |                 | 15.5'           | TLC-BT-575     | 1          | 1         | 0           |
|                                |          |      |                 | 60'             | TLC-LED-900    | 1          | 1         | 0           |
| 1                              | C8       | 60'  | -               | 15.5'           | TLC-BT-575     | 1          | 1         | 0           |
|                                |          |      |                 | 60'             | TLC-LED-550    | 4          | 4         | 0           |
| 6                              | TOTALS   |      |                 |                 |                | 46         | 31        | 15          |

\* This structure utilizes a back-to-back mounting configuration



Rancho Mirage High School LED Field Lighting  
Rancho Mirage,CA

| GRID SUMMARY |                               |
|--------------|-------------------------------|
| Name:        | JV Softball Bullpen           |
| Size:        | 200'/200'/200' - basepath 60' |
| Spacing:     | 10.0' x 10.0'                 |
| Height:      | 3.0' above grade              |

| ILLUMINATION SUMMARY              |             |
|-----------------------------------|-------------|
| MAINTAINED HORIZONTAL FOOTCANDLES |             |
|                                   | Entire Grid |
| Scan Average:                     | 23.00       |
| Maximum:                          | 38          |
| Minimum:                          | 9           |
| Avg / Min:                        | 2.53        |
| Max / Min:                        | 4.14        |
| UG (adjacent pts):                | 1.48        |
| CU:                               | 0.02        |
| No. of Points:                    | 21          |
| LUMINAIRE INFORMATION             |             |
| Applied Circuits:                 | D           |
| No. of Luminaires:                | 31          |
| Total Load:                       | 21.32 kW    |

**Guaranteed Performance:** The ILLUMINATION described above is guaranteed per your Musco Warranty document and includes a 0.95 dirt depreciation factor.

**Field Measurements:** Individual field measurements may vary from computer-calculated predictions and should be taken in accordance with IESNA RP-6-15.

**Electrical System Requirements:** Refer to Amperage Draw Chart and/or the "Musco Control System Summary" for electrical sizing.

**Installation Requirements:** Results assume ± 3% nominal voltage at line side of the driver and structures located within 3 feet (1m) of design locations.



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ILLUMINATION SUMMARY

| EQUIPMENT LIST FOR AREAS SHOWN |          |      |                 |                 |                |            |           |             |
|--------------------------------|----------|------|-----------------|-----------------|----------------|------------|-----------|-------------|
| Pole                           |          |      |                 | Luminaires      |                |            |           |             |
| QTY                            | LOCATION | SIZE | GRADE ELEVATION | MOUNTING HEIGHT | LUMINAIRE TYPE | QTY / POLE | THIS GRID | OTHER GRIDS |
| 1                              | S1       | 70'  | -               | 70'             | TLC-LED-1200   | 6/5*       | 5         | 6           |
| 1                              | S2       | 70'  | 3'              | 73'             | TLC-LED-1200   | 6/5*       | 5         | 6           |
| 1                              | S5       | 70'  | 3'              | 73'             | TLC-LED-1200   | 5          | 5         | 0           |
| 1                              | S6       | 80'  | 5'              | 85'             | TLC-LED-1200   | 5          | 5         | 0           |
| 4                              | TOTALS   |      |                 |                 |                | 32         | 20        | 12          |

\* This structure utilizes a back-to-back mounting configuration

Rancho Mirage High School LED Field Lighting  
Rancho Mirage, CA

| GRID SUMMARY |                  |
|--------------|------------------|
| Name:        | Soccer 1         |
| Size:        | 340' x 175'      |
| Spacing:     | 30.0' x 30.0'    |
| Height:      | 3.0' above grade |

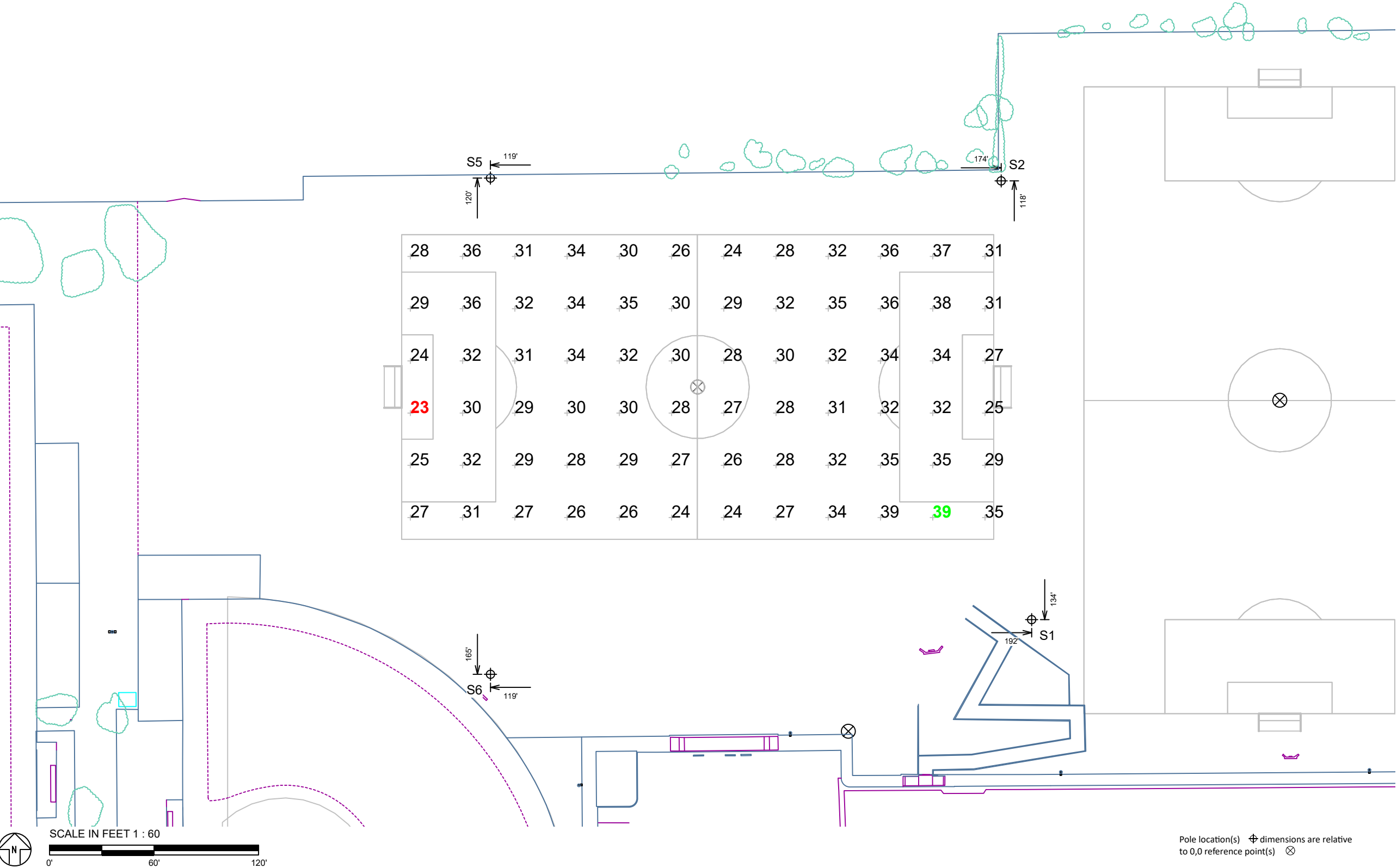
| ILLUMINATION SUMMARY              |             |
|-----------------------------------|-------------|
| MAINTAINED HORIZONTAL FOOTCANDLES |             |
|                                   | Entire Grid |
| Guaranteed Average:               | 30          |
| Scan Average:                     | 30.47       |
| Maximum:                          | 39          |
| Minimum:                          | 23          |
| Avg / Min:                        | 1.35        |
| Guaranteed Max / Min:             | 2.5         |
| Max / Min:                        | 1.75        |
| UG (adjacent pts):                | 1.32        |
| CU:                               | 0.65        |
| No. of Points:                    | 72          |
| LUMINAIRE INFORMATION             |             |
| Applied Circuits:                 | G           |
| No. of Luminaires:                | 20          |
| Total Load:                       | 23.4 kW     |

**Guaranteed Performance:** The ILLUMINATION described above is guaranteed per your Musco Warranty document and includes a 0.95 dirt depreciation factor.

**Field Measurements:** Individual field measurements may vary from computer-calculated predictions and should be taken in accordance with IESNA RP-6-15.

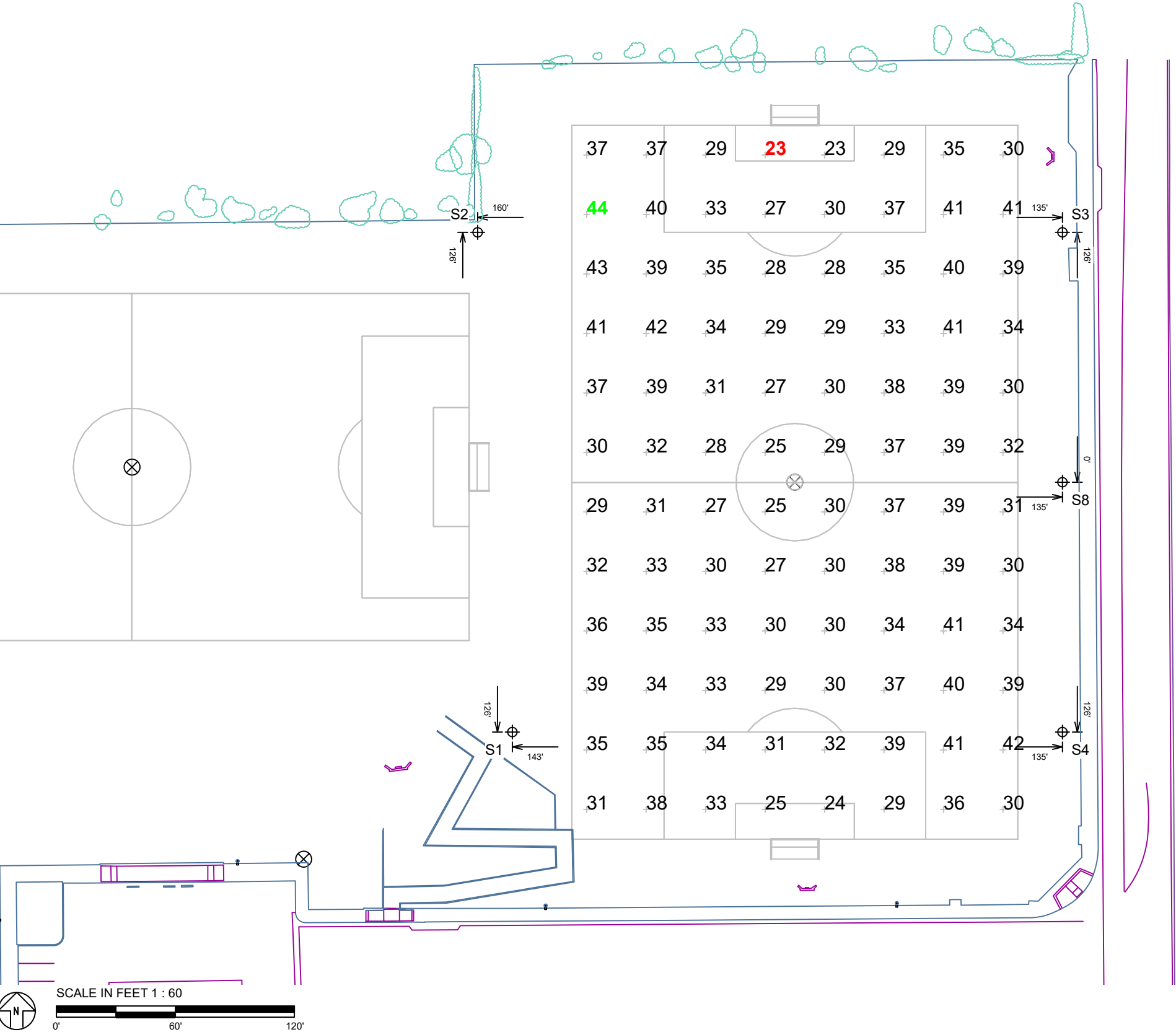
**Electrical System Requirements:** Refer to Amperage Draw Chart and/or the "Musco Control System Summary" for electrical sizing.

**Installation Requirements:** Results assume ± 3% nominal voltage at line side of the driver and structures located within 3 feet (1m) of design locations.



| EQUIPMENT LIST FOR AREAS SHOWN |           |      |                 |                 |                |            |           |             |
|--------------------------------|-----------|------|-----------------|-----------------|----------------|------------|-----------|-------------|
| Pole                           |           |      |                 | Luminaires      |                |            |           |             |
| QTY                            | LOCATION  | SIZE | GRADE ELEVATION | MOUNTING HEIGHT | LUMINAIRE TYPE | QTY / POLE | THIS GRID | OTHER GRIDS |
| 1                              | S1        | 70'  | -               | 70'             | TLC-LED-1200   | 6/5*       | 6         | 5           |
| 1                              | S2        | 70'  | 3'              | 73'             | TLC-LED-1200   | 6/5*       | 6         | 5           |
| 3                              | S3-S4, S8 | 70'  | -               | 70'             | TLC-LED-900    | 6          | 6         | 0           |
| 5                              | TOTALS    |      |                 |                 |                | 40         | 30        | 10          |

\* This structure utilizes a back-to-back mounting configuration



Rancho Mirage High School LED Field Lighting  
Rancho Mirage, CA

| GRID SUMMARY |                  |
|--------------|------------------|
| Name:        | Soccer 2         |
| Size:        | 360' x 225'      |
| Spacing:     | 30.0' x 30.0'    |
| Height:      | 3.0' above grade |

| ILLUMINATION SUMMARY              |             |
|-----------------------------------|-------------|
| MAINTAINED HORIZONTAL FOOTCANDLES |             |
|                                   | Entire Grid |
| Guaranteed Average:               | 30          |
| Scan Average:                     | 33.63       |
| Maximum:                          | 44          |
| Minimum:                          | 23          |
| Avg / Min:                        | 1.49        |
| Guaranteed Max / Min:             | 2.5         |
| Max / Min:                        | 1.94        |
| UG (adjacent pts):                | 1.37        |
| CU:                               | 0.79        |
| No. of Points:                    | 96          |
| LUMINAIRE INFORMATION             |             |
| Applied Circuits:                 | H           |
| No. of Luminaires:                | 30          |
| Total Load:                       | 29.88 kW    |

**Guaranteed Performance:** The ILLUMINATION described above is guaranteed per your Musco Warranty document and includes a 0.95 dirt depreciation factor.

**Field Measurements:** Individual field measurements may vary from computer-calculated predictions and should be taken in accordance with IESNA RP-6-15.

**Electrical System Requirements:** Refer to Amperage Draw Chart and/or the "Musco Control System Summary" for electrical sizing.

**Installation Requirements:** Results assume  $\pm$  3% nominal voltage at line side of the driver and structures located within 3 feet (1m) of design locations.



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ILLUMINATION SUMMARY

EQUIPMENT LIST FOR AREAS SHOWN

| Pole |           |      |                 | Luminaires      |                |            |           |             |
|------|-----------|------|-----------------|-----------------|----------------|------------|-----------|-------------|
| QTY  | LOCATION  | SIZE | GRADE ELEVATION | MOUNTING HEIGHT | LUMINAIRE TYPE | QTY / POLE | THIS GRID | OTHER GRIDS |
| 1    | S1        | 70'  | 0'              | 70'             | TLC-LED-1200   | 6/5*       | 11        | 0           |
| 1    | S2        | 70'  | 3'              | 73'             | TLC-LED-1200   | 6/5*       | 11        | 0           |
| 3    | S3-S4, S8 | 70'  | 0'              | 70'             | TLC-LED-900    | 6          | 6         | 0           |
| 1    | S5        | 70'  | 3'              | 73'             | TLC-LED-1200   | 5          | 5         | 0           |
| 1    | S6        | 80'  | 5'              | 85'             | TLC-LED-1200   | 5          | 5         | 0           |
| 7    | TOTALS    |      |                 |                 |                | 50         | 50        | 0           |

\* This structure utilizes a back-to-back mounting configuration

Rancho Mirage High School LED Field Lighting  
Rancho Mirage, CA

GRID SUMMARY

|          |                  |
|----------|------------------|
| Name:    | Practice North   |
| Size:    | 0' x 0'          |
| Spacing: | 30.0' x 30.0'    |
| Height:  | 3.0' above grade |

ILLUMINATION SUMMARY

MAINTAINED HORIZONTAL FOOTCANDLES

|                    |             |
|--------------------|-------------|
|                    | Entire Grid |
| Scan Average:      | 24.22       |
| Maximum:           | 44          |
| Minimum:           | 0           |
| Avg / Min:         | 196.57      |
| Max / Min:         | 357.50      |
| UG (adjacent pts): | 6.66        |
| CU:                | 0.97        |
| No. of Points:     | 300         |

LUMINAIRE INFORMATION

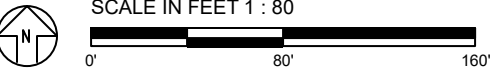
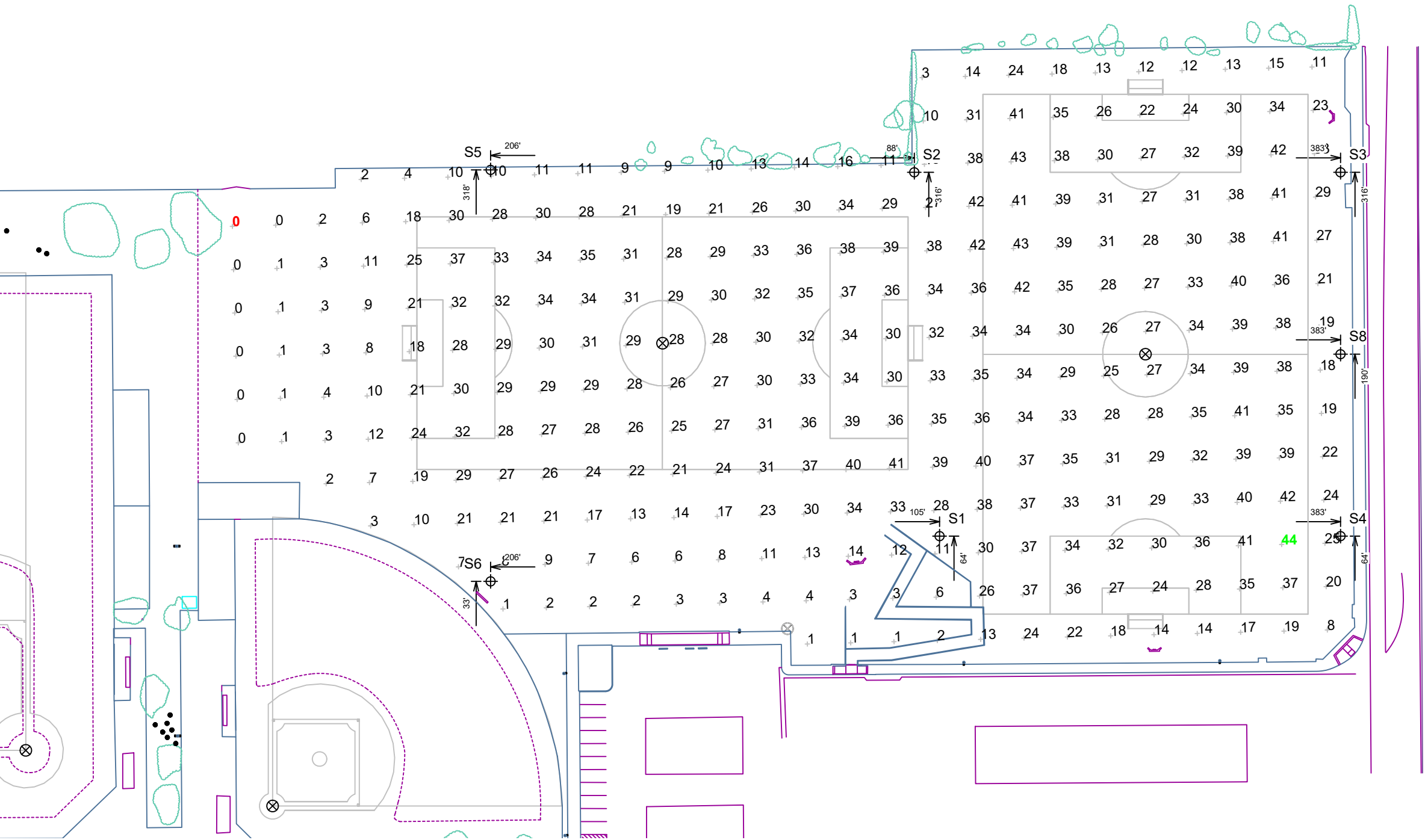
|                    |          |
|--------------------|----------|
| Applied Circuits:  | G, H     |
| No. of Luminaires: | 50       |
| Total Load:        | 53.28 kW |

**Guaranteed Performance:** The ILLUMINATION described above is guaranteed per your Musco Warranty document and includes a 0.95 dirt depreciation factor.

**Field Measurements:** Individual field measurements may vary from computer-calculated predictions and should be taken in accordance with IESNA RP-6-15.

**Electrical System Requirements:** Refer to Amperage Draw Chart and/or the "Musco Control System Summary" for electrical sizing.

**Installation Requirements:** Results assume ± 3% nominal voltage at line side of the driver and structures located within 3 feet (1m) of design locations.



Pole location(s) ⚡ dimensions are relative to 0,0 reference point(s) ⊗

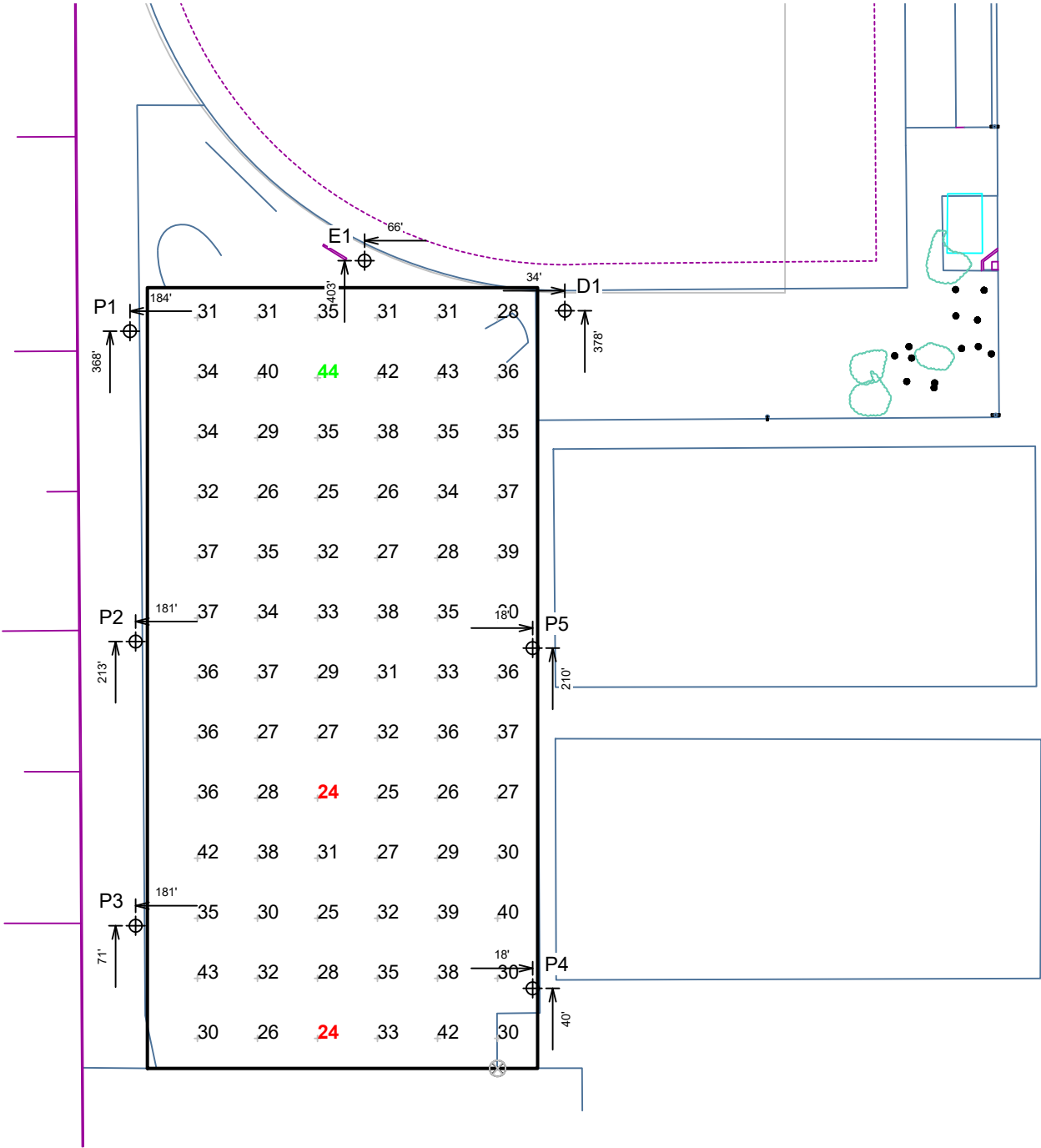


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ILLUMINATION SUMMARY

| EQUIPMENT LIST FOR AREAS SHOWN |           |      |                 |                 |                |            |           |             |
|--------------------------------|-----------|------|-----------------|-----------------|----------------|------------|-----------|-------------|
| Pole                           |           |      |                 | Luminaires      |                |            |           |             |
| QTY                            | LOCATION  | SIZE | GRADE ELEVATION | MOUNTING HEIGHT | LUMINAIRE TYPE | QTY / POLE | THIS GRID | OTHER GRIDS |
| 1                              | D1        | 60'  | -               | 60'             | TLC-LED-550    | 2          | 0         | 2           |
|                                |           |      |                 | 60'             | TLC-LED-1200   | 1*         | 1         | 0           |
|                                |           |      |                 | 15.5'           | TLC-BT-575     | 1          | 0         | 1           |
|                                |           |      |                 | 60'             | TLC-LED-900    | 2/1*       | 1         | 2           |
| 1                              | E1        | 60'  | -               | 60'             | TLC-LED-550    | 2/1*       | 1         | 2           |
|                                |           |      |                 | 60'             | TLC-LED-1200   | 1*         | 1         | 0           |
|                                |           |      |                 | 15.5'           | TLC-BT-575     | 2          | 0         | 2           |
|                                |           |      |                 | 60'             | TLC-LED-900    | 2/2*       | 2         | 2           |
| 1                              | P1        | 50'  | -               | 50'             | TLC-LED-550    | 1          | 1         | 0           |
|                                |           |      |                 | 50'             | TLC-LED-900    | 2          | 2         | 0           |
| 3                              | P2, P4-P5 | 50'  | -               | 50'             | TLC-LED-900    | 2          | 2         | 0           |
|                                |           |      |                 | 50'             | TLC-LED-1200   | 2          | 2         | 0           |
| 1                              | P3        | 50'  | -               | 50'             | TLC-LED-1200   | 1          | 1         | 0           |
|                                |           |      |                 | 50'             | TLC-LED-900    | 3          | 3         | 0           |
| 7                              | TOTALS    |      |                 |                 |                | 36         | 25        | 11          |

\* This structure utilizes a back-to-back mounting configuration



Rancho Mirage High School LED Field Lighting  
Rancho Mirage, CA

| GRID SUMMARY |                  |
|--------------|------------------|
| Name:        | Practice South   |
| Size:        | 195' x 390'      |
| Spacing:     | 30.0' x 30.0'    |
| Height:      | 3.0' above grade |

| ILLUMINATION SUMMARY              |             |
|-----------------------------------|-------------|
| MAINTAINED HORIZONTAL FOOTCANDLES |             |
|                                   | Entire Grid |
| Scan Average:                     | 32.92       |
| Maximum:                          | 44          |
| Minimum:                          | 24          |
| Avg / Min:                        | 1.36        |
| Max / Min:                        | 1.84        |
| UG (adjacent pts):                | 1.46        |
| CU:                               | 0.82        |
| No. of Points:                    | 78          |

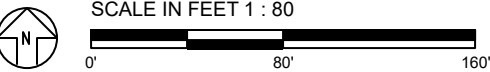
| LUMINAIRE INFORMATION |          |
|-----------------------|----------|
| Applied Circuits:     | E, F     |
| No. of Luminaires:    | 25       |
| Total Load:           | 23.93 kW |

**Guaranteed Performance:** The ILLUMINATION described above is guaranteed per your Musco Warranty document and includes a 0.95 dirt depreciation factor.

**Field Measurements:** Individual field measurements may vary from computer-calculated predictions and should be taken in accordance with IESNA RP-6-15.

**Electrical System Requirements:** Refer to Amperage Draw Chart and/or the "Musco Control System Summary" for electrical sizing.

**Installation Requirements:** Results assume ± 3% nominal voltage at line side of the driver and structures located within 3 feet (1m) of design locations.



Pole location(s) ⚡ dimensions are relative to 0,0 reference point(s) ⊗



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| GRID SUMMARY |                  |
|--------------|------------------|
| Name:        | Blanket Spill    |
| Spacing:     | 10.0' x 10.0'    |
| Height:      | 3.0' above grade |

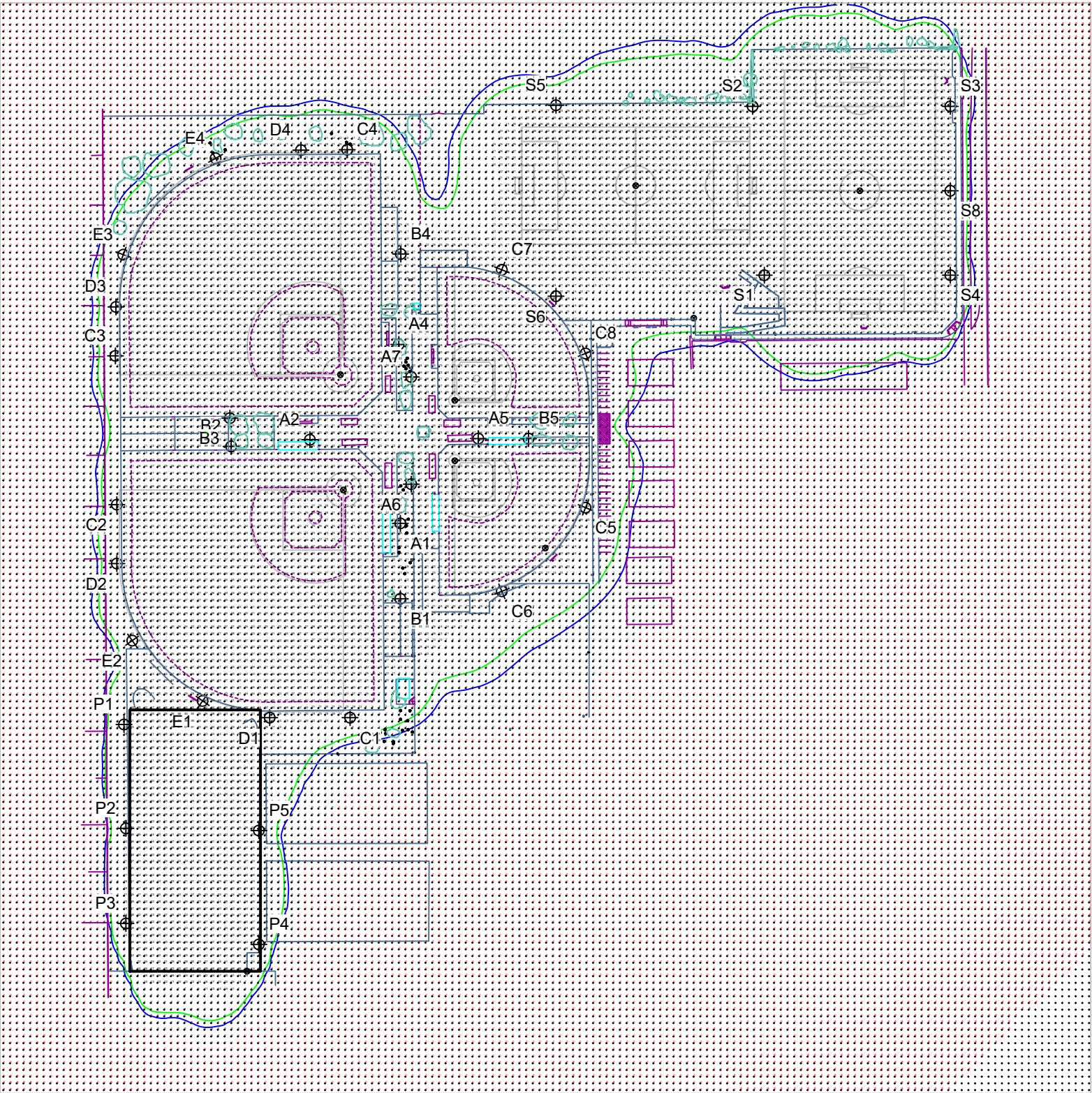
| ILLUMINATION SUMMARY              |                        |
|-----------------------------------|------------------------|
| MAINTAINED HORIZONTAL FOOTCANDLES |                        |
|                                   | Entire Grid            |
| Scan Average:                     | 11.92                  |
| Maximum:                          | 79                     |
| Minimum:                          | 0                      |
| Avg / Min:                        | -                      |
| Max / Min:                        | -                      |
| UG (adjacent pts):                | 118.93                 |
| CU:                               | 0.93                   |
| No. of Points:                    | 26569                  |
| LUMINAIRE INFORMATION             |                        |
| Applied Circuits:                 | A, B, C, D, E, F, G, H |
| No. of Luminaires:                | 253                    |
| Total Load:                       | 221.99 kW              |

**Guaranteed Performance:** The ILLUMINATION described above is guaranteed per your Musco Warranty document and includes a 0.95 dirt depreciation factor.

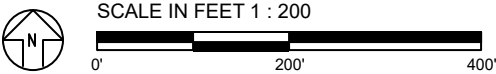
**Field Measurements:** Individual field measurements may vary from computer-calculated predictions and should be taken in accordance with IESNA RP-6-15.

**Electrical System Requirements:** Refer to Amperage Draw Chart and/or the "Musco Control System Summary" for electrical sizing.

**Installation Requirements:** Results assume ± 3% nominal voltage at line side of the driver and structures located within 3 feet (1m) of design locations.



NOTES: Contour lines indicate cutoff of horizontal light at 1.0 (green) and 0.5 (blue) footcandles as measured 3' above field grade.



ENGINEERED DESIGN By: C.Hensley · File #223387F · 16-Jun-23

Pole location(s) ⚡ dimensions are relative to 0,0 reference point(s) ⊗



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ILLUMINATION SUMMARY

| GRID SUMMARY |                  |
|--------------|------------------|
| Name:        | Rattler Rd Spill |
| Spacing:     | 30.0'            |
| Height:      | 3.0' above grade |

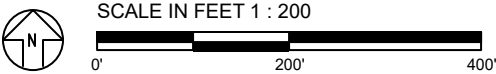
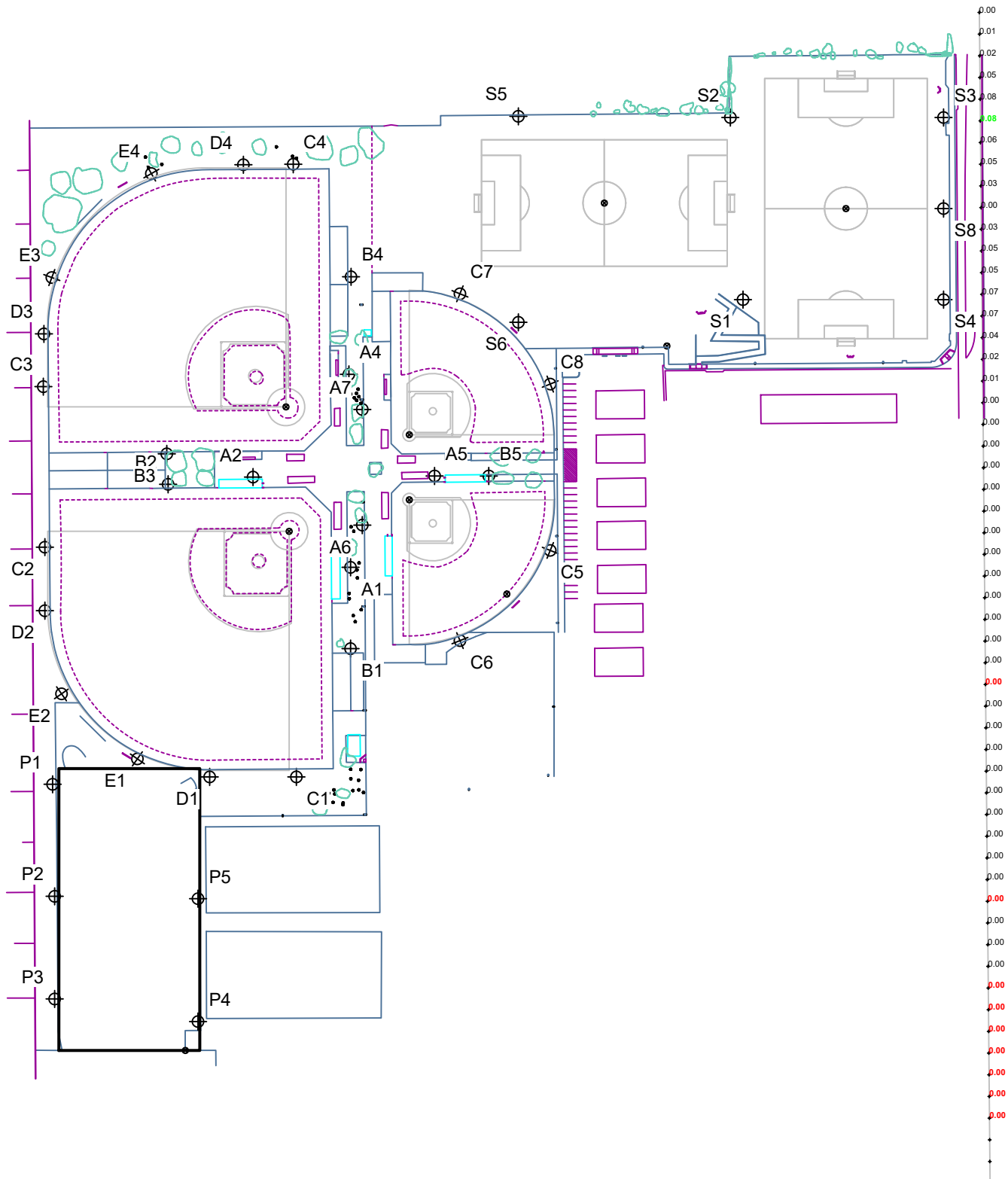
| ILLUMINATION SUMMARY   |                        |
|------------------------|------------------------|
| HORIZONTAL FOOTCANDLES |                        |
| Scan Average:          | Entire Grid<br>0.0135  |
| Maximum:               | 0.08                   |
| Minimum:               | 0.00                   |
| No. of Points:         | 54                     |
| LUMINAIRE INFORMATION  |                        |
| Applied Circuits:      | A, B, C, D, E, F, G, H |
| No. of Luminaires:     | 253                    |
| Total Load:            | 221.99 kW              |

**Guaranteed Performance:** The ILLUMINATION described above is guaranteed per your Musco Warranty document.

**Field Measurements:** Individual field measurements may vary from computer-calculated predictions and should be taken in accordance with IESNA RP-6-15.

**Electrical System Requirements:** Refer to Amperage Draw Chart and/or the "Musco Control System Summary" for electrical sizing.

**Installation Requirements:** Results assume ± 3% nominal voltage at line side of the driver and structures located within 3 feet (1m) of design locations.



Pole location(s) ⓧ dimensions are relative to 0,0 reference point(s) ⊗



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| GRID SUMMARY |                  |
|--------------|------------------|
| Name:        | Rattler Rd Spill |
| Spacing:     | 30.0'            |
| Height:      | 3.0' above grade |

| ILLUMINATION SUMMARY     |                       |
|--------------------------|-----------------------|
| MAX VERTICAL FOOTCANDLES |                       |
| Scan Average:            | Entire Grid<br>0.0198 |
| Maximum:                 | 0.11                  |
| Minimum:                 | 0.00                  |
| No. of Points:           | 54                    |

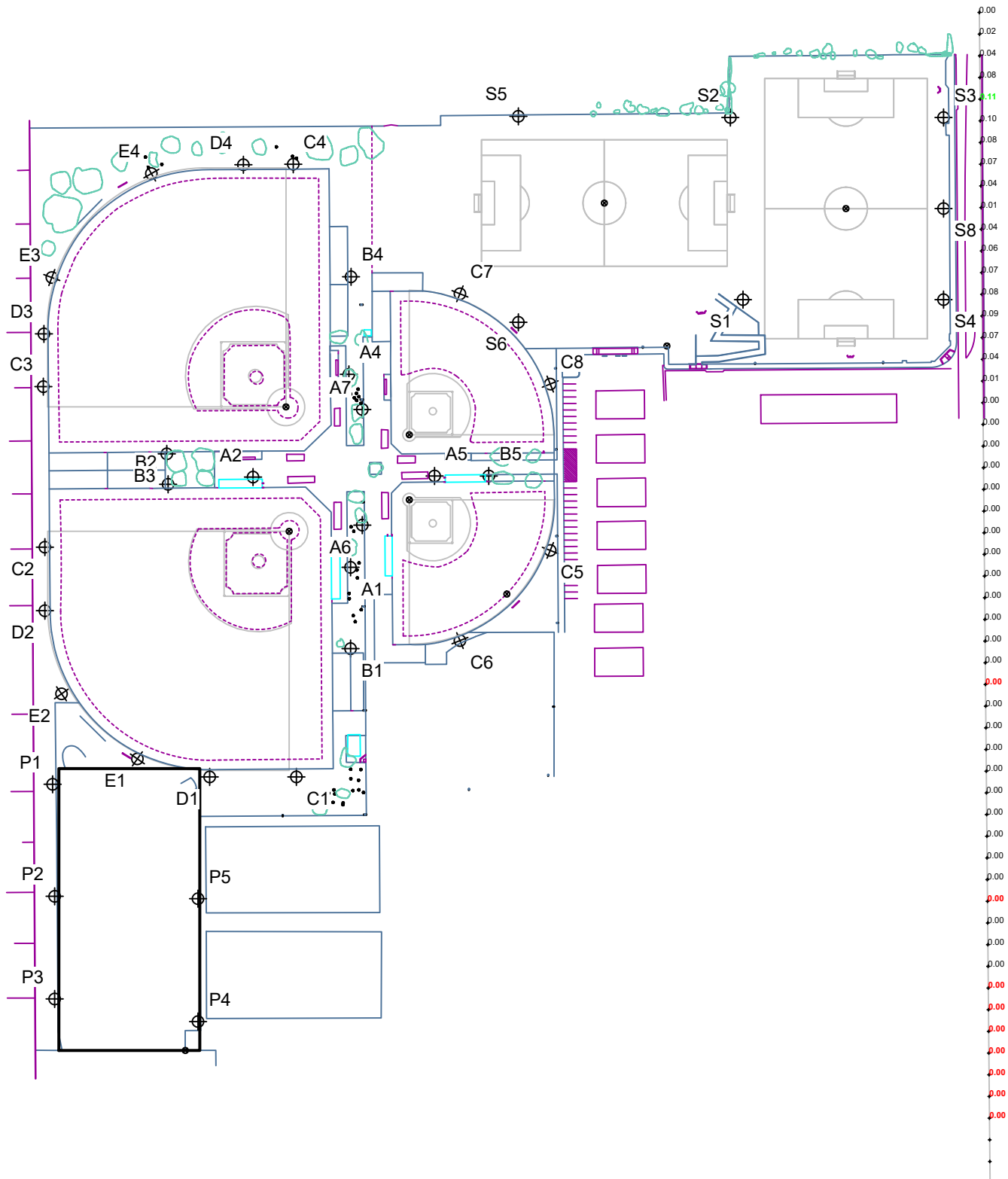
| LUMINAIRE INFORMATION |                        |
|-----------------------|------------------------|
| Applied Circuits:     | A, B, C, D, E, F, G, H |
| No. of Luminaires:    | 253                    |
| Total Load:           | 221.99 kW              |

**Guaranteed Performance:** The ILLUMINATION described above is guaranteed per your Musco Warranty document.

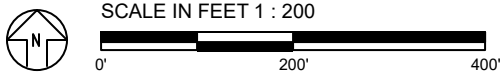
**Field Measurements:** Individual field measurements may vary from computer-calculated predictions and should be taken in accordance with IESNA RP-6-15.

**Electrical System Requirements:** Refer to Amperage Draw Chart and/or the "Musco Control System Summary" for electrical sizing.

**Installation Requirements:** Results assume ± 3% nominal voltage at line side of the driver and structures located within 3 feet (1m) of design locations.



Pole location(s) ⓧ dimensions are relative to 0,0 reference point(s) ⊗



| GRID SUMMARY |                  |
|--------------|------------------|
| Name:        | Rattler Rd Spill |
| Spacing:     | 30.0'            |
| Height:      | 3.0' above grade |

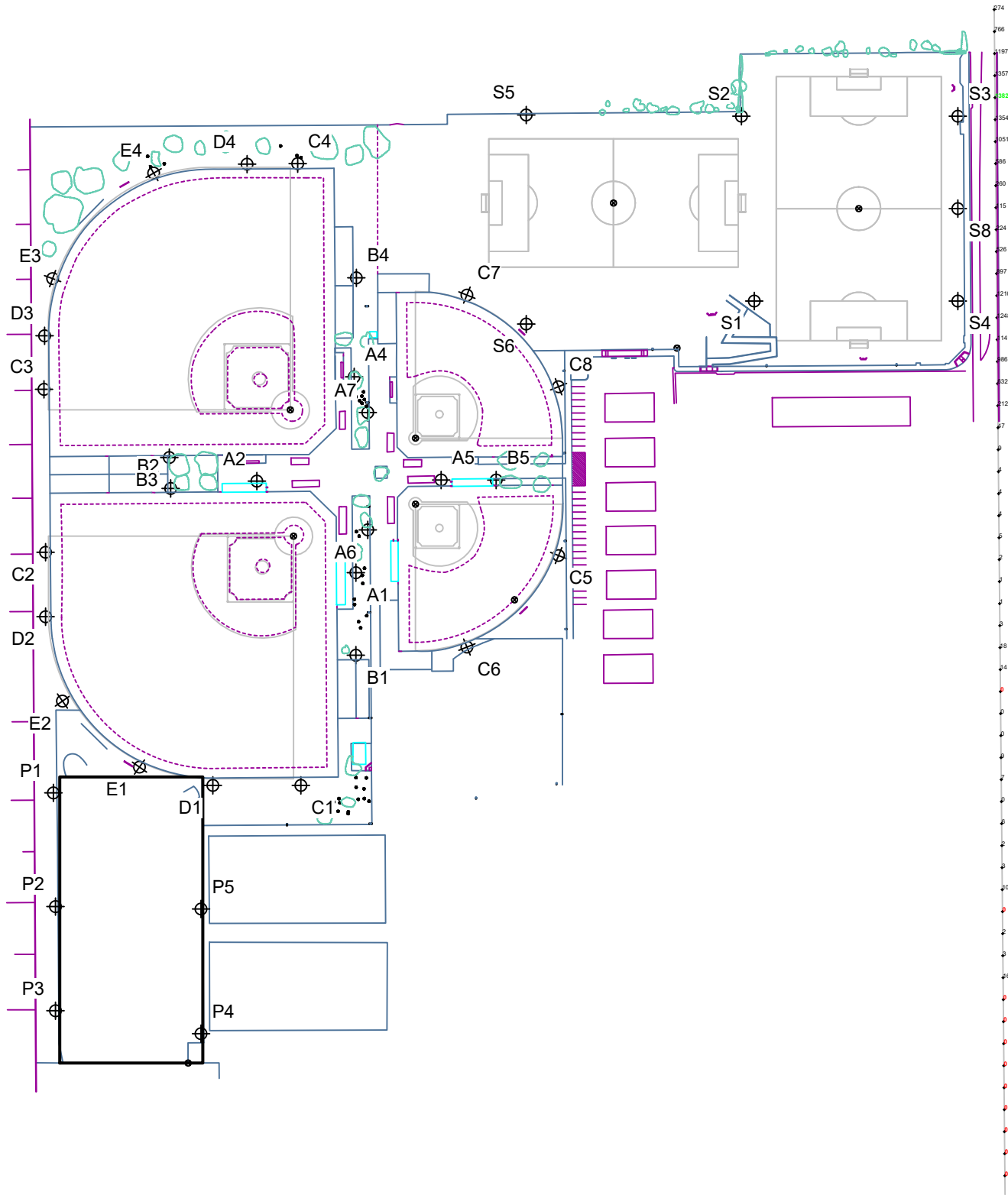
| ILLUMINATION SUMMARY  |                         |
|-----------------------|-------------------------|
| CANDELA (PER FIXTURE) |                         |
| Scan Average:         | Entire Grid<br>288.6646 |
| Maximum:              | 1382.38                 |
| Minimum:              | 0.00                    |
| No. of Points:        | 54                      |
| LUMINAIRE INFORMATION |                         |
| Applied Circuits:     | A, B, C, D, E, F, G, H  |
| No. of Luminaires:    | 253                     |
| Total Load:           | 221.99 kW               |

**Guaranteed Performance:** The ILLUMINATION described above is guaranteed per your Musco Warranty document.

**Field Measurements:** Individual field measurements may vary from computer-calculated predictions and should be taken in accordance with IESNA RP-6-15.

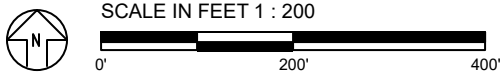
**Electrical System Requirements:** Refer to Amperage Draw Chart and/or the "Musco Control System Summary" for electrical sizing.

**Installation Requirements:** Results assume  $\pm 3\%$  nominal voltage at line side of the driver and structures located within 3 feet (1m) of design locations.



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ILLUMINATION SUMMARY



| GRID SUMMARY |                          |
|--------------|--------------------------|
| Name:        | West Property Line Spill |
| Spacing:     | 10.0'                    |
| Height:      | 3.0' above grade         |

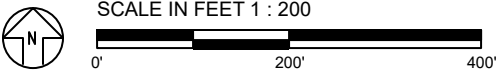
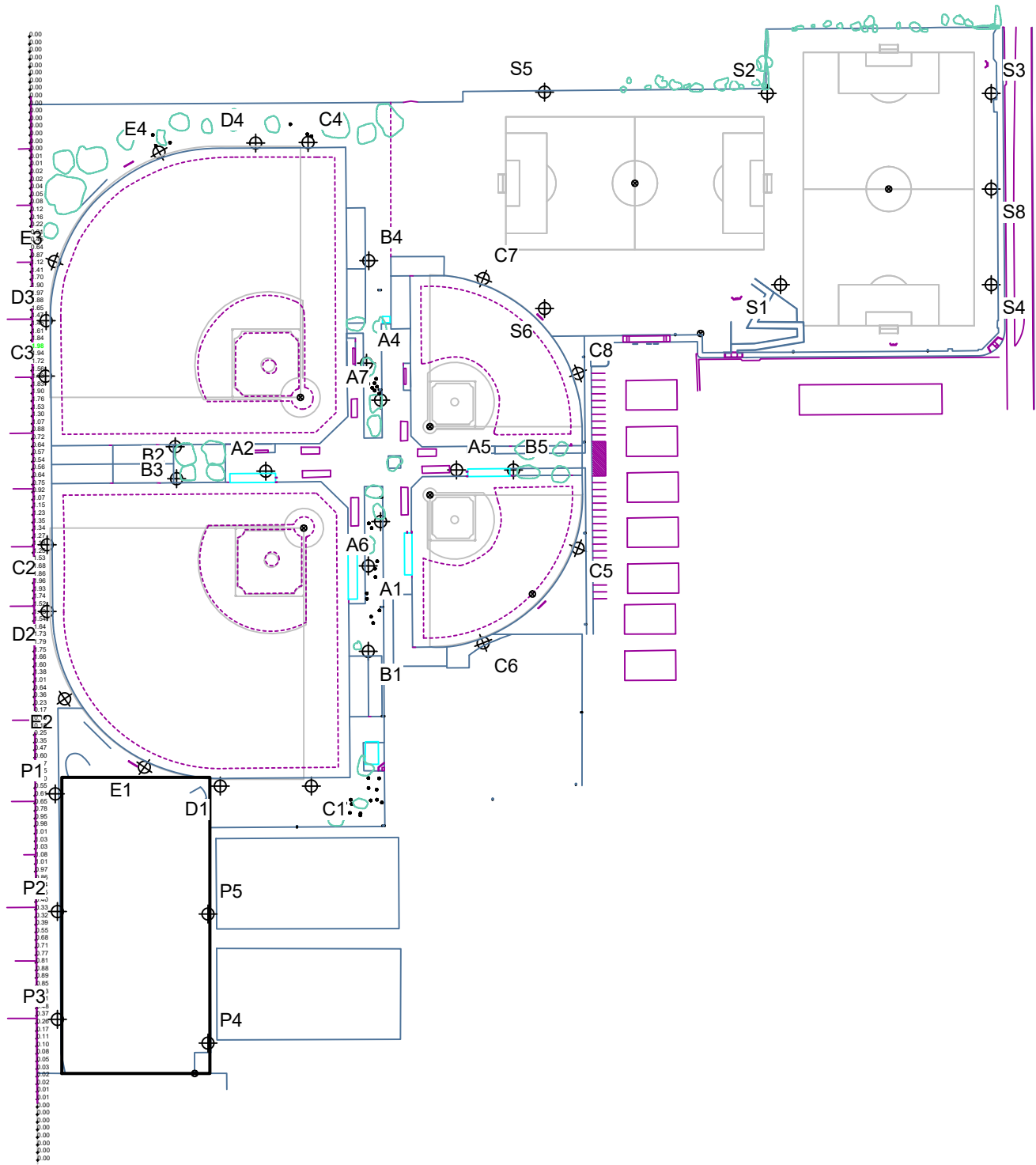
| ILLUMINATION SUMMARY   |                        |
|------------------------|------------------------|
| HORIZONTAL FOOTCANDLES |                        |
| Scan Average:          | Entire Grid<br>0.7504  |
| Maximum:               | 1.98                   |
| Minimum:               | 0.00                   |
| No. of Points:         | 149                    |
| LUMINAIRE INFORMATION  |                        |
| Applied Circuits:      | A, B, C, D, E, F, G, H |
| No. of Luminaires:     | 253                    |
| Total Load:            | 221.99 kW              |

**Guaranteed Performance:** The ILLUMINATION described above is guaranteed per your Musco Warranty document.

**Field Measurements:** Individual field measurements may vary from computer-calculated predictions and should be taken in accordance with IESNA RP-6-15.

**Electrical System Requirements:** Refer to Amperage Draw Chart and/or the "Musco Control System Summary" for electrical sizing.

**Installation Requirements:** Results assume ± 3% nominal voltage at line side of the driver and structures located within 3 feet (1m) of design locations.



Pole location(s) ⦿ dimensions are relative to 0,0 reference point(s) ⊗



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| GRID SUMMARY |                          |
|--------------|--------------------------|
| Name:        | West Property Line Spill |
| Spacing:     | 10.0'                    |
| Height:      | 3.0' above grade         |

| ILLUMINATION SUMMARY     |                       |
|--------------------------|-----------------------|
| MAX VERTICAL FOOTCANDLES |                       |
| Scan Average:            | Entire Grid<br>0.9136 |
| Maximum:                 | 2.26                  |
| Minimum:                 | 0.00                  |
| No. of Points:           | 149                   |

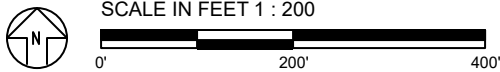
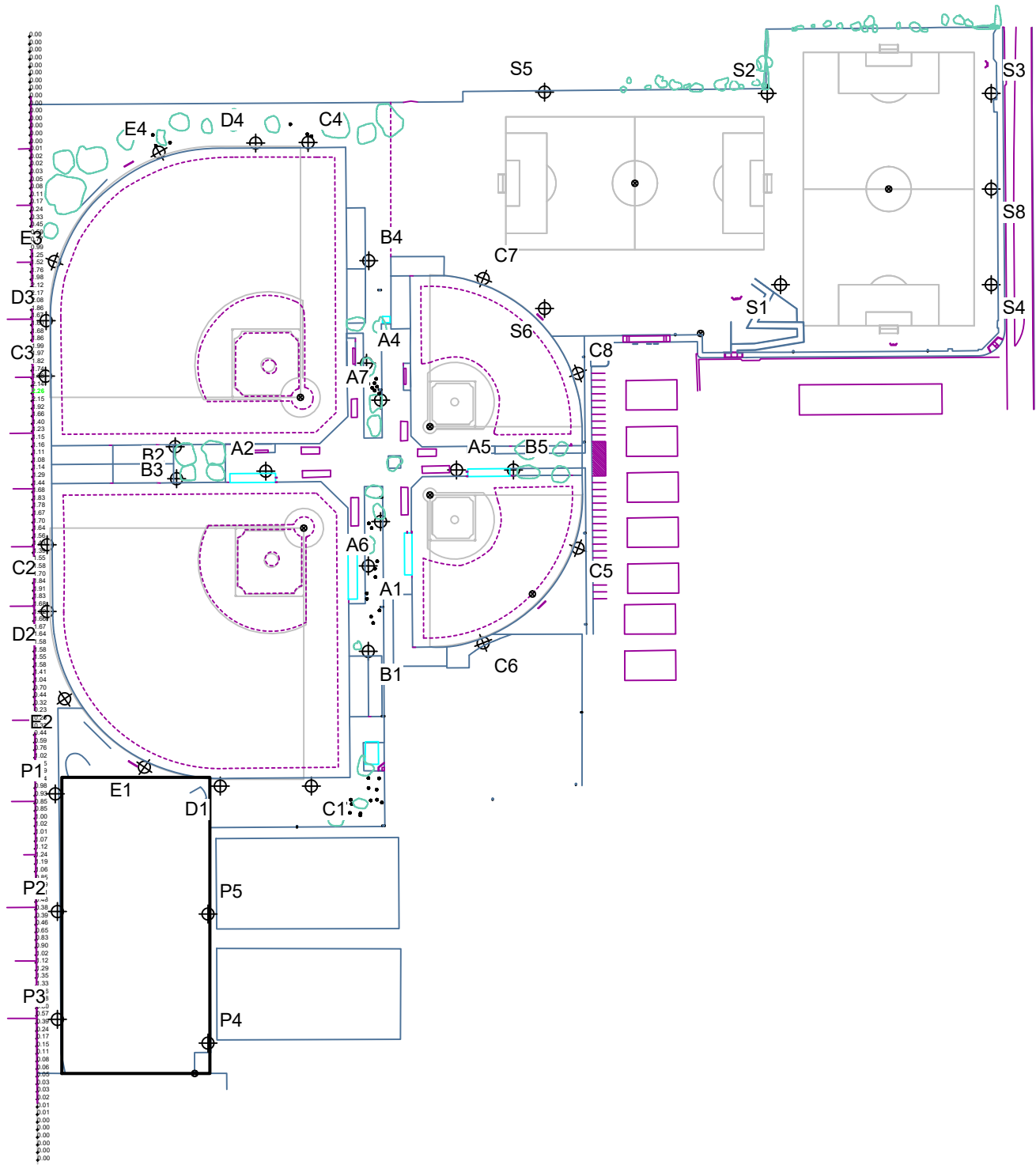
| LUMINAIRE INFORMATION |                        |
|-----------------------|------------------------|
| Applied Circuits:     | A, B, C, D, E, F, G, H |
| No. of Luminaires:    | 253                    |
| Total Load:           | 221.99 kW              |

**Guaranteed Performance:** The ILLUMINATION described above is guaranteed per your Musco Warranty document.

**Field Measurements:** Individual field measurements may vary from computer-calculated predictions and should be taken in accordance with IESNA RP-6-15.

**Electrical System Requirements:** Refer to Amperage Draw Chart and/or the "Musco Control System Summary" for electrical sizing.

**Installation Requirements:** Results assume ± 3% nominal voltage at line side of the driver and structures located within 3 feet (1m) of design locations.



Pole location(s) ⦿ dimensions are relative to 0,0 reference point(s) ⊗



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| GRID SUMMARY |                          |
|--------------|--------------------------|
| Name:        | West Property Line Spill |
| Spacing:     | 10.0'                    |
| Height:      | 3.0' above grade         |

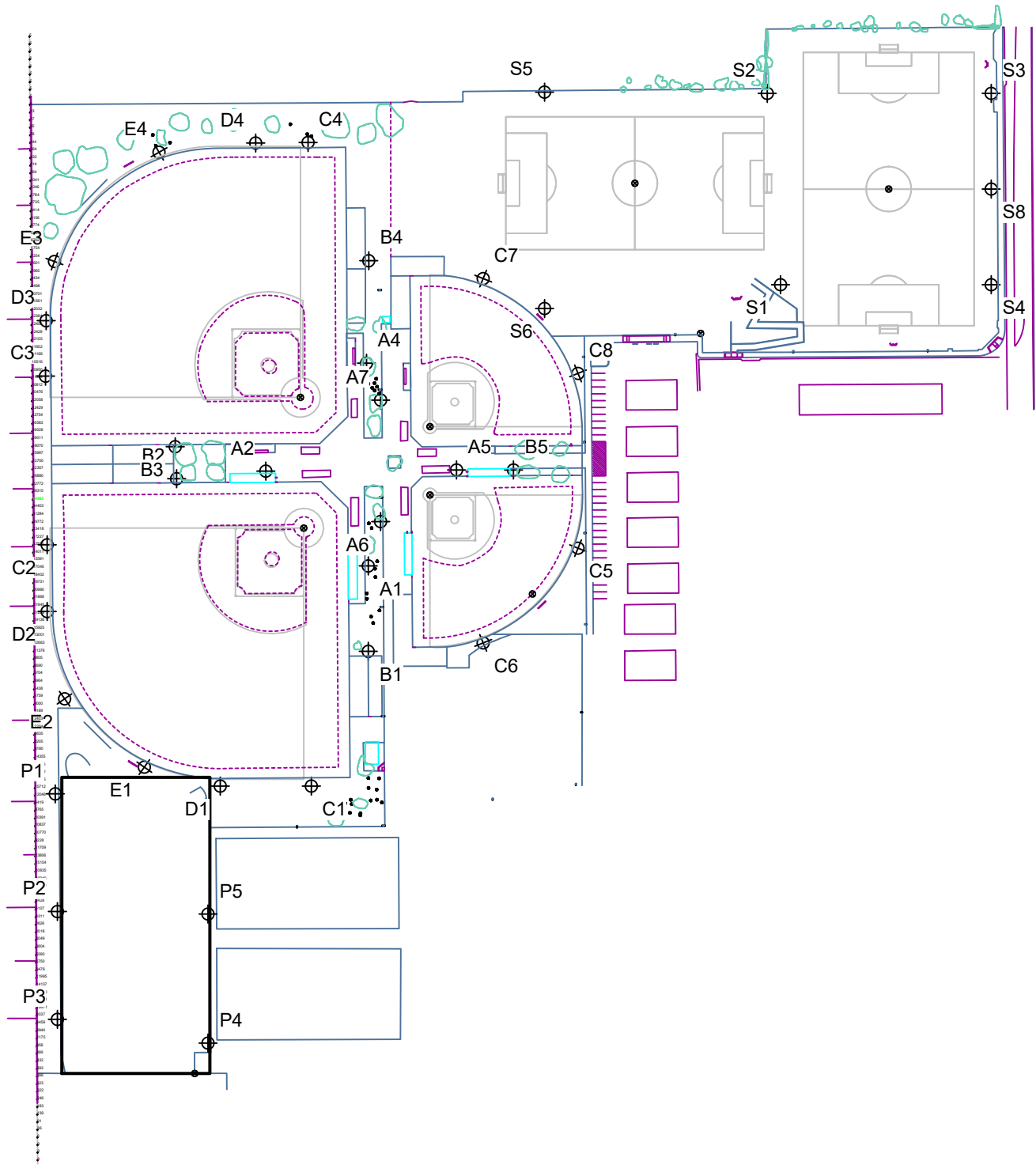
| ILLUMINATION SUMMARY  |                          |
|-----------------------|--------------------------|
| CANDELA (PER FIXTURE) |                          |
| Scan Average:         | Entire Grid<br>9029.3301 |
| Maximum:              | 34592.89                 |
| Minimum:              | 0.14                     |
| No. of Points:        | 149                      |
| LUMINAIRE INFORMATION |                          |
| Applied Circuits:     | A, B, C, D, E, F, G, H   |
| No. of Luminaires:    | 253                      |
| Total Load:           | 221.99 kW                |

**Guaranteed Performance:** The ILLUMINATION described above is guaranteed per your Musco Warranty document.

**Field Measurements:** Individual field measurements may vary from computer-calculated predictions and should be taken in accordance with IESNA RP-6-15.

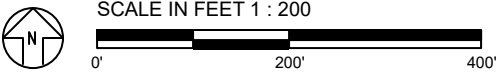
**Electrical System Requirements:** Refer to Amperage Draw Chart and/or the "Musco Control System Summary" for electrical sizing.

**Installation Requirements:** Results assume ± 3% nominal voltage at line side of the driver and structures located within 3 feet (1m) of design locations.



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ILLUMINATION SUMMARY



Pole location(s) ⦿ dimensions are relative to 0,0 reference point(s) ⊗

EQUIPMENT LAYOUT

INCLUDES:

- JV Baseball
- JV Softball
- Practice North
- Practice South
- Soccer 1
- Soccer 2
- Varsity Baseball
- Varsity Softball

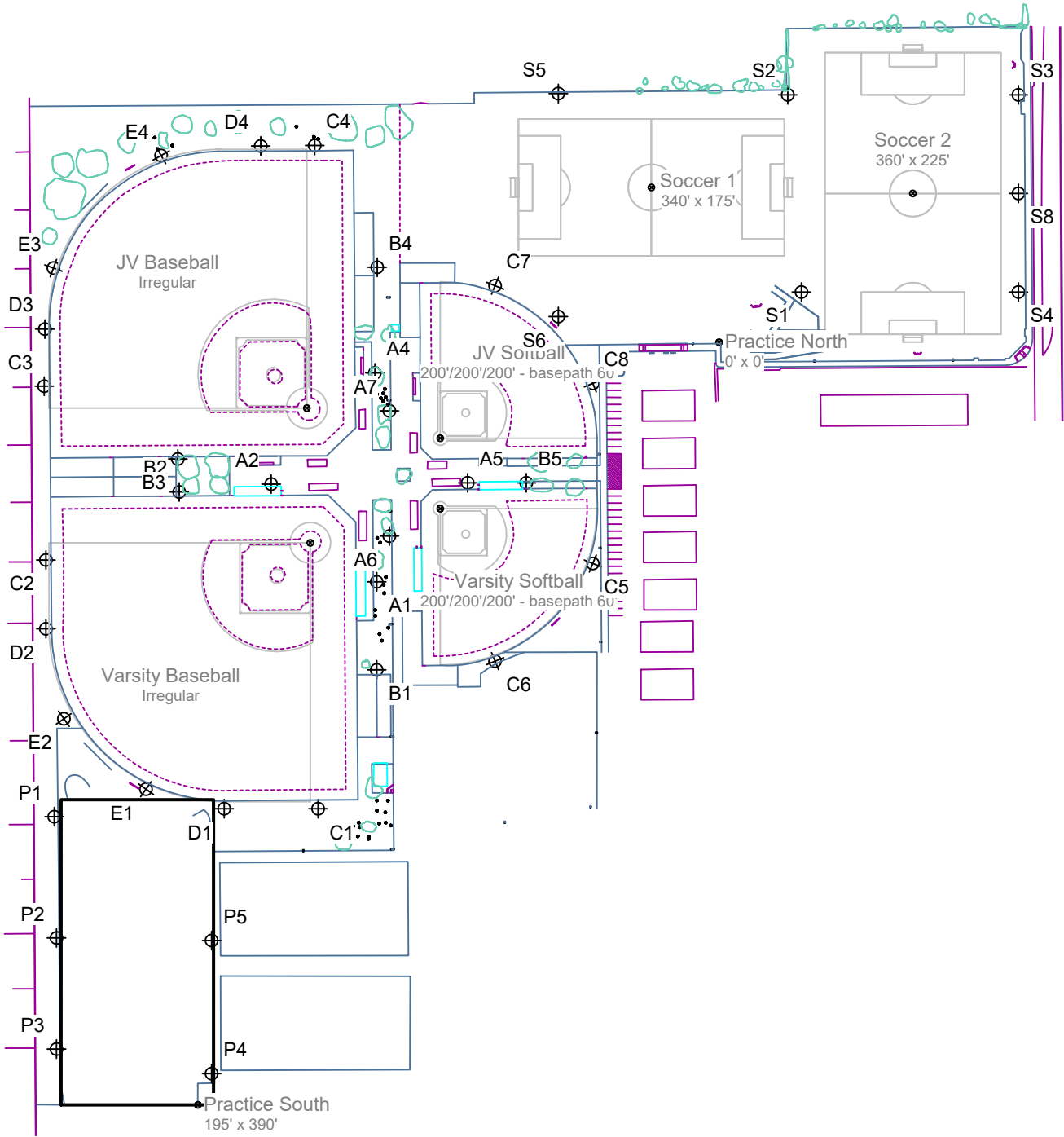
**Electrical System Requirements:** Refer to Amperage Draw Chart and/or the "Musco Control System Summary" for electrical sizing.

**Installation Requirements:** Results assume ± 3% nominal voltage at line side of the driver and structures located within 3 feet (1m) of design locations.

EQUIPMENT LIST FOR AREAS SHOWN

| QTY | Pole         |      |                 | Luminaires                        |                                                                         |                         |
|-----|--------------|------|-----------------|-----------------------------------|-------------------------------------------------------------------------|-------------------------|
|     | LOCATION     | SIZE | GRADE ELEVATION | MOUNTING HEIGHT                   | LUMINAIRE TYPE                                                          | QTY / POLE              |
| 2   | A1, A4       | 80'  | -               | 80'<br>15.5'<br>80'               | TLC-LED-900<br>TLC-BT-575<br>TLC-LED-1500                               | 5*<br>1/1*<br>4         |
| 1   | A2           | 80'  | -               | 15.5'<br>80'                      | TLC-BT-575<br>TLC-LED-1500                                              | 1/1*<br>4/4*            |
| 1   | A5           | 60'  | -               | 15.5'<br>60'                      | TLC-BT-575<br>TLC-LED-900                                               | 1/1*<br>3/3*            |
| 2   | A6-A7        | 70'  | -               | 70'<br>15.5'<br>70'               | TLC-LED-900<br>TLC-BT-575<br>TLC-LED-1200                               | 2<br>1<br>1             |
| 1   | B1           | 90'  | -               | 90'<br>90'<br>15.5'<br>60'<br>90' | TLC-LED-1500<br>TLC-LED-550<br>TLC-BT-575<br>TLC-LED-900<br>TLC-LED-900 | 5<br>2<br>1<br>1<br>1   |
| 2   | B2-B3        | 90'  | -               | 90'<br>15.5'<br>60'<br>90'        | TLC-LED-550<br>TLC-BT-575<br>TLC-LED-900<br>TLC-LED-1500                | 3<br>1<br>1<br>5        |
| 1   | B4           | 90'  | -               | 90'<br>15.5'<br>60'<br>90'        | TLC-LED-1500<br>TLC-BT-575<br>TLC-LED-550<br>TLC-LED-900                | 5<br>1<br>1<br>3        |
| 1   | B5           | 60'  | -               | 15.5'<br>60'                      | TLC-BT-575<br>TLC-LED-550                                               | 1/1*<br>5/5*            |
| 1   | C1           | 60'  | -               | 60'<br>60'                        | TLC-LED-550<br>TLC-LED-900                                              | 1<br>2                  |
| 3   | C2-C4        | 60'  | -               | 60'                               | TLC-LED-550                                                             | 3                       |
| 3   | C5, C8<br>D3 | 60'  | -               | 60'<br>15.5'                      | TLC-LED-550<br>TLC-BT-575                                               | 4<br>1                  |
| 1   | C6           | 60'  | -               | 15.5'<br>60'                      | TLC-BT-575<br>TLC-LED-550                                               | 1<br>5                  |
| 1   | C7           | 60'  | -               | 60'<br>15.5'<br>60'               | TLC-LED-550<br>TLC-BT-575<br>TLC-LED-900                                | 4<br>1<br>1             |
| 1   | D1           | 60'  | -               | 60'<br>60'<br>15.5'<br>60'        | TLC-LED-550<br>TLC-LED-1200<br>TLC-BT-575<br>TLC-LED-900                | 2<br>1*<br>1<br>2/1*    |
| 1   | D2           | 60'  | -               | 60'<br>15.5'<br>60'               | TLC-LED-550<br>TLC-BT-575<br>TLC-LED-900                                | 3<br>1<br>1             |
| 1   | D4           | 60'  | -               | 60'<br>15.5'<br>60'               | TLC-LED-550<br>TLC-BT-575<br>TLC-LED-900                                | 2<br>1<br>2             |
| 1   | E1           | 60'  | -               | 60'<br>60'<br>15.5'<br>60'        | TLC-LED-550<br>TLC-LED-1200<br>TLC-BT-575<br>TLC-LED-900                | 2/1*<br>1*<br>2<br>2/2* |
| 2   | E2-E3        | 60'  | -               | 60'<br>15.5'<br>60'               | TLC-LED-550<br>TLC-BT-575<br>TLC-LED-900                                | 2<br>2<br>2             |
| 1   | E4           | 60'  | -               | 60'<br>15.5'<br>60'               | TLC-LED-550<br>TLC-BT-575<br>TLC-LED-900                                | 1<br>2<br>3             |
| 1   | P1           | 50'  | -               | 50'<br>50'                        | TLC-LED-550<br>TLC-LED-900                                              | 1<br>2                  |
| 3   | P2, P4-P5    | 50'  | -               | 50'<br>50'                        | TLC-LED-900<br>TLC-LED-1200                                             | 2<br>2                  |
| 1   | P3           | 50'  | -               | 50'<br>50'                        | TLC-LED-1200<br>TLC-LED-900                                             | 1<br>3                  |
| 1   | S1           | 70'  | -               | 70'                               | TLC-LED-1200                                                            | 6/5*                    |
| 1   | S2           | 70'  | 3'              | 73'                               | TLC-LED-1200                                                            | 6/5*                    |
| 3   | S3-S4, S8    | 70'  | -               | 70'                               | TLC-LED-900                                                             | 6                       |
| 1   | S5           | 70'  | 3'              | 73'                               | TLC-LED-1200                                                            | 5                       |
| 1   | S6           | 80'  | 5'              | 85'                               | TLC-LED-1200                                                            | 5                       |
| 39  | TOTALS       |      |                 |                                   |                                                                         | 253                     |

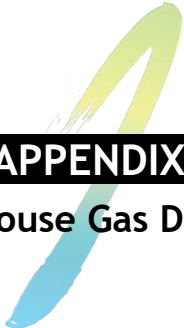
\* This structure utilizes a back-to-back mounting configuration



SCALE IN FEET 1 : 200



Pole location(s) ⚓ dimensions are relative to 0,0 reference point(s) ⊗



## **APPENDIX C**

### **Air Quality and Greenhouse Gas Data**

# Rancho Mirage Field Lighting Custom Report

## Table of Contents

- 1. Basic Project Information
  - 1.1. Basic Project Information
  - 1.2. Land Use Types
  - 1.3. User-Selected Emission Reduction Measures by Emissions Sector
- 2. Emissions Summary
  - 2.1. Construction Emissions Compared Against Thresholds
  - 2.2. Construction Emissions by Year, Unmitigated
  - 2.4. Operations Emissions Compared Against Thresholds
  - 2.5. Operations Emissions by Sector, Unmitigated
- 3. Construction Emissions Details
  - 3.1. Building Construction (2023) - Unmitigated
  - 3.3. Building Construction (2024) - Unmitigated
- 4. Operations Emissions Details
  - 4.1. Mobile Emissions by Land Use

4.1.1. Unmitigated

4.2. Energy

4.2.1. Electricity Emissions By Land Use - Unmitigated

4.2.3. Natural Gas Emissions By Land Use - Unmitigated

4.3. Area Emissions by Source

4.3.2. Unmitigated

4.4. Water Emissions by Land Use

4.4.2. Unmitigated

4.5. Waste Emissions by Land Use

4.5.2. Unmitigated

4.6. Refrigerant Emissions by Land Use

4.6.1. Unmitigated

4.7. Offroad Emissions By Equipment Type

4.7.1. Unmitigated

4.8. Stationary Emissions By Equipment Type

4.8.1. Unmitigated

4.9. User Defined Emissions By Equipment Type

4.9.1. Unmitigated

4.10. Soil Carbon Accumulation By Vegetation Type

4.10.1. Soil Carbon Accumulation By Vegetation Type - Unmitigated

4.10.2. Above and Belowground Carbon Accumulation by Land Use Type - Unmitigated

4.10.3. Avoided and Sequestered Emissions by Species - Unmitigated

5. Activity Data

5.1. Construction Schedule

5.2. Off-Road Equipment

5.2.1. Unmitigated

5.3. Construction Vehicles

5.3.1. Unmitigated

5.4. Vehicles

5.4.1. Construction Vehicle Control Strategies

5.5. Architectural Coatings

5.6. Dust Mitigation

5.6.1. Construction Earthmoving Activities

5.6.2. Construction Earthmoving Control Strategies

5.7. Construction Paving

5.8. Construction Electricity Consumption and Emissions Factors

5.9. Operational Mobile Sources

5.9.1. Unmitigated

5.10. Operational Area Sources

5.10.1. Hearths

5.10.1.1. Unmitigated

5.10.2. Architectural Coatings

5.10.3. Landscape Equipment

5.11. Operational Energy Consumption

5.11.1. Unmitigated

5.12. Operational Water and Wastewater Consumption

5.12.1. Unmitigated

5.13. Operational Waste Generation

5.13.1. Unmitigated

5.14. Operational Refrigeration and Air Conditioning Equipment

5.14.1. Unmitigated

## 5.15. Operational Off-Road Equipment

### 5.15.1. Unmitigated

## 5.16. Stationary Sources

### 5.16.1. Emergency Generators and Fire Pumps

### 5.16.2. Process Boilers

## 5.17. User Defined

## 5.18. Vegetation

### 5.18.1. Land Use Change

#### 5.18.1.1. Unmitigated

### 5.18.1. Biomass Cover Type

#### 5.18.1.1. Unmitigated

### 5.18.2. Sequestration

#### 5.18.2.1. Unmitigated

## 6. Climate Risk Detailed Report

### 6.1. Climate Risk Summary

### 6.2. Initial Climate Risk Scores

### 6.3. Adjusted Climate Risk Scores

## 7. Health and Equity Details

7.1. CalEnviroScreen 4.0 Scores

7.2. Healthy Places Index Scores

7.3. Overall Health & Equity Scores

7.4. Health & Equity Measures

7.5. Evaluation Scorecard

7.6. Health & Equity Custom Measures

## 8. User Changes to Default Data

# 1. Basic Project Information

## 1.1. Basic Project Information

| Data Field                  | Value                                          |
|-----------------------------|------------------------------------------------|
| Project Name                | Rancho Mirage Field Lighting                   |
| Construction Start Date     | 10/2/2023                                      |
| Operational Year            | 2024                                           |
| Lead Agency                 | —                                              |
| Land Use Scale              | Project/site                                   |
| Analysis Level for Defaults | County                                         |
| Windspeed (m/s)             | 3.30                                           |
| Precipitation (days)        | 10.0                                           |
| Location                    | 31001 Rattler Rd, Rancho Mirage, CA 92270, USA |
| County                      | Riverside-Salton Sea                           |
| City                        | Rancho Mirage                                  |
| Air District                | South Coast AQMD                               |
| Air Basin                   | Salton Sea                                     |
| TAZ                         | 5674                                           |
| EDFZ                        | 11                                             |
| Electric Utility            | Southern California Edison                     |
| Gas Utility                 | Southern California Gas                        |
| App Version                 | 2022.1.1.8                                     |

## 1.2. Land Use Types

| Land Use Subtype | Size | Unit | Lot Acreage | Building Area (sq ft) | Landscape Area (sq ft) | Special Landscape Area (sq ft) | Population | Description |
|------------------|------|------|-------------|-----------------------|------------------------|--------------------------------|------------|-------------|
|------------------|------|------|-------------|-----------------------|------------------------|--------------------------------|------------|-------------|

|             |       |         |      |         |      |      |   |   |
|-------------|-------|---------|------|---------|------|------|---|---|
| High School | 1,512 | Student | 4.60 | 200,583 | 0.00 | 0.00 | — | — |
|-------------|-------|---------|------|---------|------|------|---|---|

### 1.3. User-Selected Emission Reduction Measures by Emissions Sector

No measures selected

## 2. Emissions Summary

### 2.1. Construction Emissions Compared Against Thresholds

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

| Un/Mit.             | TOG  | ROG  | NOx  | CO   | SO2     | PM10E | PM10D | PM10T | PM2.5E | PM2.5D | PM2.5T | BCO2 | NBCO2 | CO2T  | CH4     | N2O  | R    | CO2e  |
|---------------------|------|------|------|------|---------|-------|-------|-------|--------|--------|--------|------|-------|-------|---------|------|------|-------|
| Daily, Summer (Max) | —    | —    | —    | —    | —       | —     | —     | —     | —      | —      | —      | —    | —     | —     | —       | —    | —    | —     |
| Unmit.              | 1.61 | 1.39 | 9.44 | 17.1 | 0.02    | 0.34  | 1.38  | 1.73  | 0.32   | 0.34   | 0.65   | —    | 4,023 | 4,023 | 0.13    | 0.20 | 7.64 | 4,094 |
| Daily, Winter (Max) | —    | —    | —    | —    | —       | —     | —     | —     | —      | —      | —      | —    | —     | —     | —       | —    | —    | —     |
| Unmit.              | 1.59 | 1.35 | 10.0 | 14.0 | 0.02    | 0.37  | 1.38  | 1.75  | 0.34   | 0.34   | 0.68   | —    | 3,877 | 3,877 | 0.14    | 0.20 | 0.21 | 3,941 |
| Average Daily (Max) | —    | —    | —    | —    | —       | —     | —     | —     | —      | —      | —      | —    | —     | —     | —       | —    | —    | —     |
| Unmit.              | 0.29 | 0.25 | 1.77 | 2.73 | < 0.005 | 0.07  | 0.25  | 0.31  | 0.06   | 0.06   | 0.12   | —    | 711   | 711   | 0.02    | 0.04 | 0.63 | 723   |
| Annual (Max)        | —    | —    | —    | —    | —       | —     | —     | —     | —      | —      | —      | —    | —     | —     | —       | —    | —    | —     |
| Unmit.              | 0.05 | 0.04 | 0.32 | 0.50 | < 0.005 | 0.01  | 0.05  | 0.06  | 0.01   | 0.01   | 0.02   | —    | 118   | 118   | < 0.005 | 0.01 | 0.10 | 120   |

### 2.2. Construction Emissions by Year, Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

| Year | TOG | ROG | NOx | CO | SO2 | PM10E | PM10D | PM10T | PM2.5E | PM2.5D | PM2.5T | BCO2 | NBCO2 | CO2T | CH4 | N2O | R | CO2e |
|------|-----|-----|-----|----|-----|-------|-------|-------|--------|--------|--------|------|-------|------|-----|-----|---|------|
|------|-----|-----|-----|----|-----|-------|-------|-------|--------|--------|--------|------|-------|------|-----|-----|---|------|

|                      |      |      |      |      |         |      |      |      |      |      |      |   |       |       |         |      |      |       |
|----------------------|------|------|------|------|---------|------|------|------|------|------|------|---|-------|-------|---------|------|------|-------|
| Daily - Summer (Max) | —    | —    | —    | —    | —       | —    | —    | —    | —    | —    | —    | — | —     | —     | —       | —    | —    | —     |
| 2024                 | 1.61 | 1.39 | 9.44 | 17.1 | 0.02    | 0.34 | 1.38 | 1.73 | 0.32 | 0.34 | 0.65 | — | 4,023 | 4,023 | 0.13    | 0.20 | 7.64 | 4,094 |
| Daily - Winter (Max) | —    | —    | —    | —    | —       | —    | —    | —    | —    | —    | —    | — | —     | —     | —       | —    | —    | —     |
| 2023                 | 1.59 | 1.35 | 10.0 | 14.0 | 0.02    | 0.37 | 1.38 | 1.75 | 0.34 | 0.34 | 0.68 | — | 3,877 | 3,877 | 0.14    | 0.20 | 0.21 | 3,941 |
| 2024                 | 1.52 | 1.26 | 9.56 | 13.4 | 0.02    | 0.34 | 1.38 | 1.73 | 0.32 | 0.34 | 0.65 | — | 3,833 | 3,833 | 0.13    | 0.20 | 0.20 | 3,896 |
| Average Daily        | —    | —    | —    | —    | —       | —    | —    | —    | —    | —    | —    | — | —     | —     | —       | —    | —    | —     |
| 2023                 | 0.29 | 0.25 | 1.77 | 2.73 | < 0.005 | 0.07 | 0.24 | 0.31 | 0.06 | 0.06 | 0.12 | — | 704   | 704   | 0.02    | 0.04 | 0.63 | 716   |
| 2024                 | 0.28 | 0.24 | 1.73 | 2.66 | < 0.005 | 0.06 | 0.25 | 0.31 | 0.06 | 0.06 | 0.12 | — | 711   | 711   | 0.02    | 0.04 | 0.60 | 723   |
| Annual               | —    | —    | —    | —    | —       | —    | —    | —    | —    | —    | —    | — | —     | —     | —       | —    | —    | —     |
| 2023                 | 0.05 | 0.04 | 0.32 | 0.50 | < 0.005 | 0.01 | 0.04 | 0.06 | 0.01 | 0.01 | 0.02 | — | 117   | 117   | < 0.005 | 0.01 | 0.10 | 119   |
| 2024                 | 0.05 | 0.04 | 0.32 | 0.48 | < 0.005 | 0.01 | 0.05 | 0.06 | 0.01 | 0.01 | 0.02 | — | 118   | 118   | < 0.005 | 0.01 | 0.10 | 120   |

## 2.4. Operations Emissions Compared Against Thresholds

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

| Un/Mit.             | TOG  | ROG  | NOx  | CO   | SO2  | PM10E | PM10D | PM10T | PM2.5E | PM2.5D | PM2.5T | BCO2 | NBCO2 | CO2T | CH4  | N2O     | R    | CO2e |
|---------------------|------|------|------|------|------|-------|-------|-------|--------|--------|--------|------|-------|------|------|---------|------|------|
| Daily, Summer (Max) | —    | —    | —    | —    | —    | —     | —     | —     | —      | —      | —      | —    | —     | —    | —    | —       | —    | —    |
| Unmit.              | 0.00 | 4.29 | 0.00 | 0.00 | 0.00 | 0.00  | 0.00  | 0.00  | 0.00   | 0.00   | 0.00   | 0.00 | 589   | 589  | 0.04 | < 0.005 | 0.00 | 591  |
| Daily, Winter (Max) | —    | —    | —    | —    | —    | —     | —     | —     | —      | —      | —      | —    | —     | —    | —    | —       | —    | —    |
| Unmit.              | 0.00 | 4.29 | 0.00 | 0.00 | 0.00 | 0.00  | 0.00  | 0.00  | 0.00   | 0.00   | 0.00   | 0.00 | 589   | 589  | 0.04 | < 0.005 | 0.00 | 591  |
| Average Daily (Max) | —    | —    | —    | —    | —    | —     | —     | —     | —      | —      | —      | —    | —     | —    | —    | —       | —    | —    |

|              |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |         |      |      |
|--------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|---------|------|------|
| Unmit.       | 0.00 | 4.29 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 589  | 589  | 0.04 | < 0.005 | 0.00 | 591  |
| Annual (Max) | —    | —    | —    | —    | —    | —    | —    | —    | —    | —    | —    | —    | —    | —    | —    | —       | —    | —    |
| Unmit.       | 0.00 | 0.78 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 97.5 | 97.5 | 0.01 | < 0.005 | 0.00 | 97.9 |

## 2.5. Operations Emissions by Sector, Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

| Sector              | TOG  | ROG  | NOx  | CO   | SO2  | PM10E | PM10D | PM10T | PM2.5E | PM2.5D | PM2.5T | BCO2 | NBCO2 | CO2T | CH4  | N2O     | R    | CO2e |
|---------------------|------|------|------|------|------|-------|-------|-------|--------|--------|--------|------|-------|------|------|---------|------|------|
| Daily, Summer (Max) | —    | —    | —    | —    | —    | —     | —     | —     | —      | —      | —      | —    | —     | —    | —    | —       | —    | —    |
| Mobile              | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00  | 0.00  | 0.00  | 0.00   | 0.00   | 0.00   | —    | 0.00  | 0.00 | 0.00 | 0.00    | 0.00 | 0.00 |
| Area                | —    | 4.29 | —    | —    | —    | —     | —     | —     | —      | —      | —      | —    | —     | —    | —    | —       | —    | —    |
| Energy              | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00  | —     | 0.00  | 0.00   | —      | 0.00   | —    | 589   | 589  | 0.04 | < 0.005 | —    | 591  |
| Water               | —    | —    | —    | —    | —    | —     | —     | —     | —      | —      | —      | 0.00 | 0.00  | 0.00 | 0.00 | 0.00    | —    | 0.00 |
| Waste               | —    | —    | —    | —    | —    | —     | —     | —     | —      | —      | —      | 0.00 | 0.00  | 0.00 | 0.00 | 0.00    | —    | 0.00 |
| Total               | 0.00 | 4.29 | 0.00 | 0.00 | 0.00 | 0.00  | 0.00  | 0.00  | 0.00   | 0.00   | 0.00   | 0.00 | 589   | 589  | 0.04 | < 0.005 | 0.00 | 591  |
| Daily, Winter (Max) | —    | —    | —    | —    | —    | —     | —     | —     | —      | —      | —      | —    | —     | —    | —    | —       | —    | —    |
| Mobile              | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00  | 0.00  | 0.00  | 0.00   | 0.00   | 0.00   | —    | 0.00  | 0.00 | 0.00 | 0.00    | 0.00 | 0.00 |
| Area                | —    | 4.29 | —    | —    | —    | —     | —     | —     | —      | —      | —      | —    | —     | —    | —    | —       | —    | —    |
| Energy              | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00  | —     | 0.00  | 0.00   | —      | 0.00   | —    | 589   | 589  | 0.04 | < 0.005 | —    | 591  |
| Water               | —    | —    | —    | —    | —    | —     | —     | —     | —      | —      | —      | 0.00 | 0.00  | 0.00 | 0.00 | 0.00    | —    | 0.00 |
| Waste               | —    | —    | —    | —    | —    | —     | —     | —     | —      | —      | —      | 0.00 | 0.00  | 0.00 | 0.00 | 0.00    | —    | 0.00 |
| Total               | 0.00 | 4.29 | 0.00 | 0.00 | 0.00 | 0.00  | 0.00  | 0.00  | 0.00   | 0.00   | 0.00   | 0.00 | 589   | 589  | 0.04 | < 0.005 | 0.00 | 591  |
| Average Daily       | —    | —    | —    | —    | —    | —     | —     | —     | —      | —      | —      | —    | —     | —    | —    | —       | —    | —    |
| Mobile              | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00  | 0.00  | 0.00  | 0.00   | 0.00   | 0.00   | —    | 0.00  | 0.00 | 0.00 | 0.00    | 0.00 | 0.00 |

|        |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |         |      |      |
|--------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|---------|------|------|
| Area   | —    | 4.29 | —    | —    | —    | —    | —    | —    | —    | —    | —    | —    | —    | —    | —    | —       | —    | —    |
| Energy | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | —    | 0.00 | 0.00 | —    | 0.00 | —    | 589  | 589  | 0.04 | < 0.005 | —    | 591  |
| Water  | —    | —    | —    | —    | —    | —    | —    | —    | —    | —    | —    | 0.00 | 0.00 | 0.00 | 0.00 | 0.00    | —    | 0.00 |
| Waste  | —    | —    | —    | —    | —    | —    | —    | —    | —    | —    | —    | 0.00 | 0.00 | 0.00 | 0.00 | 0.00    | —    | 0.00 |
| Total  | 0.00 | 4.29 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 589  | 589  | 0.04 | < 0.005 | 0.00 | 591  |
| Annual | —    | —    | —    | —    | —    | —    | —    | —    | —    | —    | —    | —    | —    | —    | —    | —       | —    | —    |
| Mobile | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | —    | 0.00 | 0.00 | 0.00 | 0.00    | 0.00 | 0.00 |
| Area   | —    | 0.78 | —    | —    | —    | —    | —    | —    | —    | —    | —    | —    | —    | —    | —    | —       | —    | —    |
| Energy | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | —    | 0.00 | 0.00 | —    | 0.00 | —    | 97.5 | 97.5 | 0.01 | < 0.005 | —    | 97.9 |
| Water  | —    | —    | —    | —    | —    | —    | —    | —    | —    | —    | —    | 0.00 | 0.00 | 0.00 | 0.00 | 0.00    | —    | 0.00 |
| Waste  | —    | —    | —    | —    | —    | —    | —    | —    | —    | —    | —    | 0.00 | 0.00 | 0.00 | 0.00 | 0.00    | —    | 0.00 |
| Total  | 0.00 | 0.78 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 97.5 | 97.5 | 0.01 | < 0.005 | 0.00 | 97.9 |

### 3. Construction Emissions Details

#### 3.1. Building Construction (2023) - Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

| Location            | TOG  | ROG  | NOx  | CO   | SO2  | PM10E | PM10D | PM10T | PM2.5E | PM2.5D | PM2.5T | BCO2 | NBCO2 | CO2T  | CH4  | N2O  | R    | CO2e  |
|---------------------|------|------|------|------|------|-------|-------|-------|--------|--------|--------|------|-------|-------|------|------|------|-------|
| Onsite              | —    | —    | —    | —    | —    | —     | —     | —     | —      | —      | —      | —    | —     | —     | —    | —    | —    | —     |
| Daily, Summer (Max) | —    | —    | —    | —    | —    | —     | —     | —     | —      | —      | —      | —    | —     | —     | —    | —    | —    | —     |
| Daily, Winter (Max) | —    | —    | —    | —    | —    | —     | —     | —     | —      | —      | —      | —    | —     | —     | —    | —    | —    | —     |
| Off-Road Equipment  | 1.09 | 0.91 | 8.13 | 7.96 | 0.02 | 0.36  | —     | 0.36  | 0.33   | —      | 0.33   | —    | 1,686 | 1,686 | 0.07 | 0.01 | —    | 1,692 |
| Onsite truck        | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00  | 0.00  | 0.00  | 0.00   | 0.00   | 0.00   | —    | 0.00  | 0.00  | 0.00 | 0.00 | 0.00 | 0.00  |

|                     |         |         |      |      |         |         |      |      |         |         |         |   |       |       |         |         |      |       |
|---------------------|---------|---------|------|------|---------|---------|------|------|---------|---------|---------|---|-------|-------|---------|---------|------|-------|
| Average Daily       | —       | —       | —    | —    | —       | —       | —    | —    | —       | —       | —       | — | —     | —     | —       | —       | —    | —     |
| Off-Road Equipment  | 0.19    | 0.16    | 1.45 | 1.42 | < 0.005 | 0.06    | —    | 0.06 | 0.06    | —       | 0.06    | — | 300   | 300   | 0.01    | < 0.005 | —    | 301   |
| Onsite truck        | 0.00    | 0.00    | 0.00 | 0.00 | 0.00    | 0.00    | 0.00 | 0.00 | 0.00    | 0.00    | 0.00    | — | 0.00  | 0.00  | 0.00    | 0.00    | 0.00 | 0.00  |
| Annual              | —       | —       | —    | —    | —       | —       | —    | —    | —       | —       | —       | — | —     | —     | —       | —       | —    | —     |
| Off-Road Equipment  | 0.04    | 0.03    | 0.26 | 0.26 | < 0.005 | 0.01    | —    | 0.01 | 0.01    | —       | 0.01    | — | 49.7  | 49.7  | < 0.005 | < 0.005 | —    | 49.9  |
| Onsite truck        | 0.00    | 0.00    | 0.00 | 0.00 | 0.00    | 0.00    | 0.00 | 0.00 | 0.00    | 0.00    | 0.00    | — | 0.00  | 0.00  | 0.00    | 0.00    | 0.00 | 0.00  |
| Offsite             | —       | —       | —    | —    | —       | —       | —    | —    | —       | —       | —       | — | —     | —     | —       | —       | —    | —     |
| Daily, Summer (Max) | —       | —       | —    | —    | —       | —       | —    | —    | —       | —       | —       | — | —     | —     | —       | —       | —    | —     |
| Daily, Winter (Max) | —       | —       | —    | —    | —       | —       | —    | —    | —       | —       | —       | — | —     | —     | —       | —       | —    | —     |
| Worker              | 0.45    | 0.40    | 0.59 | 5.44 | 0.00    | 0.00    | 1.10 | 1.10 | 0.00    | 0.26    | 0.26    | — | 1,117 | 1,117 | 0.05    | 0.04    | 0.14 | 1,131 |
| Vendor              | 0.06    | 0.04    | 1.31 | 0.57 | 0.01    | 0.01    | 0.28 | 0.30 | 0.01    | 0.08    | 0.09    | — | 1,074 | 1,074 | 0.01    | 0.15    | 0.07 | 1,118 |
| Hauling             | 0.00    | 0.00    | 0.00 | 0.00 | 0.00    | 0.00    | 0.00 | 0.00 | 0.00    | 0.00    | 0.00    | — | 0.00  | 0.00  | 0.00    | 0.00    | 0.00 | 0.00  |
| Average Daily       | —       | —       | —    | —    | —       | —       | —    | —    | —       | —       | —       | — | —     | —     | —       | —       | —    | —     |
| Worker              | 0.08    | 0.08    | 0.10 | 1.21 | 0.00    | 0.00    | 0.19 | 0.19 | 0.00    | 0.05    | 0.05    | — | 213   | 213   | 0.01    | 0.01    | 0.40 | 216   |
| Vendor              | 0.01    | 0.01    | 0.23 | 0.10 | < 0.005 | < 0.005 | 0.05 | 0.05 | < 0.005 | 0.01    | 0.02    | — | 191   | 191   | < 0.005 | 0.03    | 0.22 | 199   |
| Hauling             | 0.00    | 0.00    | 0.00 | 0.00 | 0.00    | 0.00    | 0.00 | 0.00 | 0.00    | 0.00    | 0.00    | — | 0.00  | 0.00  | 0.00    | 0.00    | 0.00 | 0.00  |
| Annual              | —       | —       | —    | —    | —       | —       | —    | —    | —       | —       | —       | — | —     | —     | —       | —       | —    | —     |
| Worker              | 0.02    | 0.01    | 0.02 | 0.22 | 0.00    | 0.00    | 0.04 | 0.04 | 0.00    | 0.01    | 0.01    | — | 35.2  | 35.2  | < 0.005 | < 0.005 | 0.07 | 35.7  |
| Vendor              | < 0.005 | < 0.005 | 0.04 | 0.02 | < 0.005 | < 0.005 | 0.01 | 0.01 | < 0.005 | < 0.005 | < 0.005 | — | 31.7  | 31.7  | < 0.005 | < 0.005 | 0.04 | 33.0  |
| Hauling             | 0.00    | 0.00    | 0.00 | 0.00 | 0.00    | 0.00    | 0.00 | 0.00 | 0.00    | 0.00    | 0.00    | — | 0.00  | 0.00  | 0.00    | 0.00    | 0.00 | 0.00  |

### 3.3. Building Construction (2024) - Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

| Location            | TOG  | ROG  | NOx  | CO   | SO2     | PM10E | PM10D | PM10T | PM2.5E | PM2.5D | PM2.5T | BCO2 | NBCO2 | CO2T  | CH4     | N2O     | R    | CO2e  |
|---------------------|------|------|------|------|---------|-------|-------|-------|--------|--------|--------|------|-------|-------|---------|---------|------|-------|
| Onsite              | —    | —    | —    | —    | —       | —     | —     | —     | —      | —      | —      | —    | —     | —     | —       | —       | —    | —     |
| Daily, Summer (Max) | —    | —    | —    | —    | —       | —     | —     | —     | —      | —      | —      | —    | —     | —     | —       | —       | —    | —     |
| Off-Road Equipment  | 1.05 | 0.88 | 7.81 | 7.89 | 0.02    | 0.33  | —     | 0.33  | 0.30   | —      | 0.30   | —    | 1,686 | 1,686 | 0.07    | 0.01    | —    | 1,692 |
| Onsite truck        | 0.00 | 0.00 | 0.00 | 0.00 | 0.00    | 0.00  | 0.00  | 0.00  | 0.00   | 0.00   | 0.00   | —    | 0.00  | 0.00  | 0.00    | 0.00    | 0.00 | 0.00  |
| Daily, Winter (Max) | —    | —    | —    | —    | —       | —     | —     | —     | —      | —      | —      | —    | —     | —     | —       | —       | —    | —     |
| Off-Road Equipment  | 1.05 | 0.88 | 7.81 | 7.89 | 0.02    | 0.33  | —     | 0.33  | 0.30   | —      | 0.30   | —    | 1,686 | 1,686 | 0.07    | 0.01    | —    | 1,692 |
| Onsite truck        | 0.00 | 0.00 | 0.00 | 0.00 | 0.00    | 0.00  | 0.00  | 0.00  | 0.00   | 0.00   | 0.00   | —    | 0.00  | 0.00  | 0.00    | 0.00    | 0.00 | 0.00  |
| Average Daily       | —    | —    | —    | —    | —       | —     | —     | —     | —      | —      | —      | —    | —     | —     | —       | —       | —    | —     |
| Off-Road Equipment  | 0.19 | 0.16 | 1.42 | 1.44 | < 0.005 | 0.06  | —     | 0.06  | 0.05   | —      | 0.05   | —    | 307   | 307   | 0.01    | < 0.005 | —    | 308   |
| Onsite truck        | 0.00 | 0.00 | 0.00 | 0.00 | 0.00    | 0.00  | 0.00  | 0.00  | 0.00   | 0.00   | 0.00   | —    | 0.00  | 0.00  | 0.00    | 0.00    | 0.00 | 0.00  |
| Annual              | —    | —    | —    | —    | —       | —     | —     | —     | —      | —      | —      | —    | —     | —     | —       | —       | —    | —     |
| Off-Road Equipment  | 0.03 | 0.03 | 0.26 | 0.26 | < 0.005 | 0.01  | —     | 0.01  | 0.01   | —      | 0.01   | —    | 50.8  | 50.8  | < 0.005 | < 0.005 | —    | 51.0  |
| Onsite truck        | 0.00 | 0.00 | 0.00 | 0.00 | 0.00    | 0.00  | 0.00  | 0.00  | 0.00   | 0.00   | 0.00   | —    | 0.00  | 0.00  | 0.00    | 0.00    | 0.00 | 0.00  |
| Offsite             | —    | —    | —    | —    | —       | —     | —     | —     | —      | —      | —      | —    | —     | —     | —       | —       | —    | —     |

|                     |         |         |      |      |         |         |      |      |         |         |         |   |       |       |         |         |      |       |
|---------------------|---------|---------|------|------|---------|---------|------|------|---------|---------|---------|---|-------|-------|---------|---------|------|-------|
| Daily, Summer (Max) | —       | —       | —    | —    | —       | —       | —    | —    | —       | —       | —       | — | —     | —     | —       | —       | —    | —     |
| Worker              | 0.51    | 0.47    | 0.48 | 8.70 | 0.00    | 0.00    | 1.10 | 1.10 | 0.00    | 0.26    | 0.26    | — | 1,279 | 1,279 | 0.05    | 0.04    | 4.77 | 1,297 |
| Vendor              | 0.05    | 0.04    | 1.15 | 0.52 | 0.01    | 0.01    | 0.28 | 0.30 | 0.01    | 0.08    | 0.09    | — | 1,058 | 1,058 | 0.01    | 0.15    | 2.88 | 1,105 |
| Hauling             | 0.00    | 0.00    | 0.00 | 0.00 | 0.00    | 0.00    | 0.00 | 0.00 | 0.00    | 0.00    | 0.00    | — | 0.00  | 0.00  | 0.00    | 0.00    | 0.00 | 0.00  |
| Daily, Winter (Max) | —       | —       | —    | —    | —       | —       | —    | —    | —       | —       | —       | — | —     | —     | —       | —       | —    | —     |
| Worker              | 0.43    | 0.35    | 0.51 | 4.97 | 0.00    | 0.00    | 1.10 | 1.10 | 0.00    | 0.26    | 0.26    | — | 1,087 | 1,087 | 0.05    | 0.04    | 0.12 | 1,101 |
| Vendor              | 0.05    | 0.04    | 1.24 | 0.53 | 0.01    | 0.01    | 0.28 | 0.30 | 0.01    | 0.08    | 0.09    | — | 1,059 | 1,059 | 0.01    | 0.15    | 0.07 | 1,103 |
| Hauling             | 0.00    | 0.00    | 0.00 | 0.00 | 0.00    | 0.00    | 0.00 | 0.00 | 0.00    | 0.00    | 0.00    | — | 0.00  | 0.00  | 0.00    | 0.00    | 0.00 | 0.00  |
| Average Daily       | —       | —       | —    | —    | —       | —       | —    | —    | —       | —       | —       | — | —     | —     | —       | —       | —    | —     |
| Worker              | 0.08    | 0.07    | 0.09 | 1.12 | 0.00    | 0.00    | 0.20 | 0.20 | 0.00    | 0.05    | 0.05    | — | 212   | 212   | 0.01    | 0.01    | 0.37 | 214   |
| Vendor              | 0.01    | 0.01    | 0.22 | 0.10 | < 0.005 | < 0.005 | 0.05 | 0.05 | < 0.005 | 0.01    | 0.02    | — | 193   | 193   | < 0.005 | 0.03    | 0.23 | 201   |
| Hauling             | 0.00    | 0.00    | 0.00 | 0.00 | 0.00    | 0.00    | 0.00 | 0.00 | 0.00    | 0.00    | 0.00    | — | 0.00  | 0.00  | 0.00    | 0.00    | 0.00 | 0.00  |
| Annual              | —       | —       | —    | —    | —       | —       | —    | —    | —       | —       | —       | — | —     | —     | —       | —       | —    | —     |
| Worker              | 0.01    | 0.01    | 0.02 | 0.21 | 0.00    | 0.00    | 0.04 | 0.04 | 0.00    | 0.01    | 0.01    | — | 35.0  | 35.0  | < 0.005 | < 0.005 | 0.06 | 35.5  |
| Vendor              | < 0.005 | < 0.005 | 0.04 | 0.02 | < 0.005 | < 0.005 | 0.01 | 0.01 | < 0.005 | < 0.005 | < 0.005 | — | 31.9  | 31.9  | < 0.005 | < 0.005 | 0.04 | 33.3  |
| Hauling             | 0.00    | 0.00    | 0.00 | 0.00 | 0.00    | 0.00    | 0.00 | 0.00 | 0.00    | 0.00    | 0.00    | — | 0.00  | 0.00  | 0.00    | 0.00    | 0.00 | 0.00  |

## 4. Operations Emissions Details

### 4.1. Mobile Emissions by Land Use

#### 4.1.1. Unmitigated

Mobile source emissions results are presented in Sections 2.6. No further detailed breakdown of emissions is available.

### 4.2. Energy

## 4.2.1. Electricity Emissions By Land Use - Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

| Land Use            | TOG | ROG | NOx | CO | SO2 | PM10E | PM10D | PM10T | PM2.5E | PM2.5D | PM2.5T | BCO2 | NBCO2 | CO2T | CH4  | N2O     | R | CO2e |
|---------------------|-----|-----|-----|----|-----|-------|-------|-------|--------|--------|--------|------|-------|------|------|---------|---|------|
| Daily, Summer (Max) | —   | —   | —   | —  | —   | —     | —     | —     | —      | —      | —      | —    | —     | —    | —    | —       | — | —    |
| High School         | —   | —   | —   | —  | —   | —     | —     | —     | —      | —      | —      | —    | 589   | 589  | 0.04 | < 0.005 | — | 591  |
| Total               | —   | —   | —   | —  | —   | —     | —     | —     | —      | —      | —      | —    | 589   | 589  | 0.04 | < 0.005 | — | 591  |
| Daily, Winter (Max) | —   | —   | —   | —  | —   | —     | —     | —     | —      | —      | —      | —    | —     | —    | —    | —       | — | —    |
| High School         | —   | —   | —   | —  | —   | —     | —     | —     | —      | —      | —      | —    | 589   | 589  | 0.04 | < 0.005 | — | 591  |
| Total               | —   | —   | —   | —  | —   | —     | —     | —     | —      | —      | —      | —    | 589   | 589  | 0.04 | < 0.005 | — | 591  |
| Annual              | —   | —   | —   | —  | —   | —     | —     | —     | —      | —      | —      | —    | —     | —    | —    | —       | — | —    |
| High School         | —   | —   | —   | —  | —   | —     | —     | —     | —      | —      | —      | —    | 97.5  | 97.5 | 0.01 | < 0.005 | — | 97.9 |
| Total               | —   | —   | —   | —  | —   | —     | —     | —     | —      | —      | —      | —    | 97.5  | 97.5 | 0.01 | < 0.005 | — | 97.9 |

## 4.2.3. Natural Gas Emissions By Land Use - Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

| Land Use            | TOG  | ROG  | NOx  | CO   | SO2  | PM10E | PM10D | PM10T | PM2.5E | PM2.5D | PM2.5T | BCO2 | NBCO2 | CO2T | CH4  | N2O  | R | CO2e |
|---------------------|------|------|------|------|------|-------|-------|-------|--------|--------|--------|------|-------|------|------|------|---|------|
| Daily, Summer (Max) | —    | —    | —    | —    | —    | —     | —     | —     | —      | —      | —      | —    | —     | —    | —    | —    | — | —    |
| High School         | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00  | —     | 0.00  | 0.00   | —      | 0.00   | —    | 0.00  | 0.00 | 0.00 | 0.00 | — | 0.00 |
| Total               | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00  | —     | 0.00  | 0.00   | —      | 0.00   | —    | 0.00  | 0.00 | 0.00 | 0.00 | — | 0.00 |

|                     |      |      |      |      |      |      |   |      |      |   |      |   |      |      |      |      |   |      |
|---------------------|------|------|------|------|------|------|---|------|------|---|------|---|------|------|------|------|---|------|
| Daily, Winter (Max) | —    | —    | —    | —    | —    | —    | — | —    | —    | — | —    | — | —    | —    | —    | —    | — | —    |
| High School         | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | — | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 |
| Total               | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | — | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 |
| Annual              | —    | —    | —    | —    | —    | —    | — | —    | —    | — | —    | — | —    | —    | —    | —    | — | —    |
| High School         | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | — | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 |
| Total               | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | — | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 |

## 4.3. Area Emissions by Source

### 4.3.2. Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

| Source                 | TOG | ROG  | NOx | CO | SO2 | PM10E | PM10D | PM10T | PM2.5E | PM2.5D | PM2.5T | BCO2 | NBCO2 | CO2T | CH4 | N2O | R | CO2e |
|------------------------|-----|------|-----|----|-----|-------|-------|-------|--------|--------|--------|------|-------|------|-----|-----|---|------|
| Daily, Summer (Max)    | —   | —    | —   | —  | —   | —     | —     | —     | —      | —      | —      | —    | —     | —    | —   | —   | — | —    |
| Consumer Products      | —   | 4.29 | —   | —  | —   | —     | —     | —     | —      | —      | —      | —    | —     | —    | —   | —   | — | —    |
| Architectural Coatings | —   | 0.00 | —   | —  | —   | —     | —     | —     | —      | —      | —      | —    | —     | —    | —   | —   | — | —    |
| Total                  | —   | 4.29 | —   | —  | —   | —     | —     | —     | —      | —      | —      | —    | —     | —    | —   | —   | — | —    |
| Daily, Winter (Max)    | —   | —    | —   | —  | —   | —     | —     | —     | —      | —      | —      | —    | —     | —    | —   | —   | — | —    |
| Consumer Products      | —   | 4.29 | —   | —  | —   | —     | —     | —     | —      | —      | —      | —    | —     | —    | —   | —   | — | —    |

|                        |   |      |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
|------------------------|---|------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Architectural          | — | 0.00 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Total                  | — | 4.29 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Annual                 | — | —    | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Consumer Products      | — | 0.78 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Architectural Coatings | — | 0.00 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Total                  | — | 0.78 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |

## 4.4. Water Emissions by Land Use

### 4.4.2. Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

| Land Use            | TOG | ROG | NOx | CO | SO2 | PM10E | PM10D | PM10T | PM2.5E | PM2.5D | PM2.5T | BCO2 | NBCO2 | CO2T | CH4  | N2O  | R | CO2e |
|---------------------|-----|-----|-----|----|-----|-------|-------|-------|--------|--------|--------|------|-------|------|------|------|---|------|
| Daily, Summer (Max) | —   | —   | —   | —  | —   | —     | —     | —     | —      | —      | —      | —    | —     | —    | —    | —    | — | —    |
| High School         | —   | —   | —   | —  | —   | —     | —     | —     | —      | —      | —      | 0.00 | 0.00  | 0.00 | 0.00 | 0.00 | — | 0.00 |
| Total               | —   | —   | —   | —  | —   | —     | —     | —     | —      | —      | —      | 0.00 | 0.00  | 0.00 | 0.00 | 0.00 | — | 0.00 |
| Daily, Winter (Max) | —   | —   | —   | —  | —   | —     | —     | —     | —      | —      | —      | —    | —     | —    | —    | —    | — | —    |
| High School         | —   | —   | —   | —  | —   | —     | —     | —     | —      | —      | —      | 0.00 | 0.00  | 0.00 | 0.00 | 0.00 | — | 0.00 |
| Total               | —   | —   | —   | —  | —   | —     | —     | —     | —      | —      | —      | 0.00 | 0.00  | 0.00 | 0.00 | 0.00 | — | 0.00 |
| Annual              | —   | —   | —   | —  | —   | —     | —     | —     | —      | —      | —      | —    | —     | —    | —    | —    | — | —    |

|             |   |   |   |   |   |   |   |   |   |   |   |      |      |      |      |      |   |      |
|-------------|---|---|---|---|---|---|---|---|---|---|---|------|------|------|------|------|---|------|
| High School | — | — | — | — | — | — | — | — | — | — | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 |
| Total       | — | — | — | — | — | — | — | — | — | — | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 |

## 4.5. Waste Emissions by Land Use

### 4.5.2. Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

| Land Use            | TOG | ROG | NOx | CO | SO2 | PM10E | PM10D | PM10T | PM2.5E | PM2.5D | PM2.5T | BCO2 | NBCO2 | CO2T | CH4  | N2O  | R | CO2e |
|---------------------|-----|-----|-----|----|-----|-------|-------|-------|--------|--------|--------|------|-------|------|------|------|---|------|
| Daily, Summer (Max) | —   | —   | —   | —  | —   | —     | —     | —     | —      | —      | —      | —    | —     | —    | —    | —    | — | —    |
| High School         | —   | —   | —   | —  | —   | —     | —     | —     | —      | —      | —      | 0.00 | 0.00  | 0.00 | 0.00 | 0.00 | — | 0.00 |
| Total               | —   | —   | —   | —  | —   | —     | —     | —     | —      | —      | —      | 0.00 | 0.00  | 0.00 | 0.00 | 0.00 | — | 0.00 |
| Daily, Winter (Max) | —   | —   | —   | —  | —   | —     | —     | —     | —      | —      | —      | —    | —     | —    | —    | —    | — | —    |
| High School         | —   | —   | —   | —  | —   | —     | —     | —     | —      | —      | —      | 0.00 | 0.00  | 0.00 | 0.00 | 0.00 | — | 0.00 |
| Total               | —   | —   | —   | —  | —   | —     | —     | —     | —      | —      | —      | 0.00 | 0.00  | 0.00 | 0.00 | 0.00 | — | 0.00 |
| Annual              | —   | —   | —   | —  | —   | —     | —     | —     | —      | —      | —      | —    | —     | —    | —    | —    | — | —    |
| High School         | —   | —   | —   | —  | —   | —     | —     | —     | —      | —      | —      | 0.00 | 0.00  | 0.00 | 0.00 | 0.00 | — | 0.00 |
| Total               | —   | —   | —   | —  | —   | —     | —     | —     | —      | —      | —      | 0.00 | 0.00  | 0.00 | 0.00 | 0.00 | — | 0.00 |

## 4.6. Refrigerant Emissions by Land Use

### 4.6.1. Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

| Land Use            | TOG | ROG | NOx | CO | SO2 | PM10E | PM10D | PM10T | PM2.5E | PM2.5D | PM2.5T | BCO2 | NBCO2 | CO2T | CH4 | N2O | R | CO2e |
|---------------------|-----|-----|-----|----|-----|-------|-------|-------|--------|--------|--------|------|-------|------|-----|-----|---|------|
| Daily, Summer (Max) | —   | —   | —   | —  | —   | —     | —     | —     | —      | —      | —      | —    | —     | —    | —   | —   | — | —    |
| Total               | —   | —   | —   | —  | —   | —     | —     | —     | —      | —      | —      | —    | —     | —    | —   | —   | — | —    |
| Daily, Winter (Max) | —   | —   | —   | —  | —   | —     | —     | —     | —      | —      | —      | —    | —     | —    | —   | —   | — | —    |
| Total               | —   | —   | —   | —  | —   | —     | —     | —     | —      | —      | —      | —    | —     | —    | —   | —   | — | —    |
| Annual              | —   | —   | —   | —  | —   | —     | —     | —     | —      | —      | —      | —    | —     | —    | —   | —   | — | —    |
| Total               | —   | —   | —   | —  | —   | —     | —     | —     | —      | —      | —      | —    | —     | —    | —   | —   | — | —    |

## 4.7. Offroad Emissions By Equipment Type

### 4.7.1. Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

| Equipment Type      | TOG | ROG | NOx | CO | SO2 | PM10E | PM10D | PM10T | PM2.5E | PM2.5D | PM2.5T | BCO2 | NBCO2 | CO2T | CH4 | N2O | R | CO2e |
|---------------------|-----|-----|-----|----|-----|-------|-------|-------|--------|--------|--------|------|-------|------|-----|-----|---|------|
| Daily, Summer (Max) | —   | —   | —   | —  | —   | —     | —     | —     | —      | —      | —      | —    | —     | —    | —   | —   | — | —    |
| Total               | —   | —   | —   | —  | —   | —     | —     | —     | —      | —      | —      | —    | —     | —    | —   | —   | — | —    |
| Daily, Winter (Max) | —   | —   | —   | —  | —   | —     | —     | —     | —      | —      | —      | —    | —     | —    | —   | —   | — | —    |
| Total               | —   | —   | —   | —  | —   | —     | —     | —     | —      | —      | —      | —    | —     | —    | —   | —   | — | —    |
| Annual              | —   | —   | —   | —  | —   | —     | —     | —     | —      | —      | —      | —    | —     | —    | —   | —   | — | —    |
| Total               | —   | —   | —   | —  | —   | —     | —     | —     | —      | —      | —      | —    | —     | —    | —   | —   | — | —    |

## 4.8. Stationary Emissions By Equipment Type

### 4.8.1. Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

| Equipment Type      | TOG | ROG | NOx | CO | SO2 | PM10E | PM10D | PM10T | PM2.5E | PM2.5D | PM2.5T | BCO2 | NBCO2 | CO2T | CH4 | N2O | R | CO2e |
|---------------------|-----|-----|-----|----|-----|-------|-------|-------|--------|--------|--------|------|-------|------|-----|-----|---|------|
| Daily, Summer (Max) | —   | —   | —   | —  | —   | —     | —     | —     | —      | —      | —      | —    | —     | —    | —   | —   | — | —    |
| Total               | —   | —   | —   | —  | —   | —     | —     | —     | —      | —      | —      | —    | —     | —    | —   | —   | — | —    |
| Daily, Winter (Max) | —   | —   | —   | —  | —   | —     | —     | —     | —      | —      | —      | —    | —     | —    | —   | —   | — | —    |
| Total               | —   | —   | —   | —  | —   | —     | —     | —     | —      | —      | —      | —    | —     | —    | —   | —   | — | —    |
| Annual              | —   | —   | —   | —  | —   | —     | —     | —     | —      | —      | —      | —    | —     | —    | —   | —   | — | —    |
| Total               | —   | —   | —   | —  | —   | —     | —     | —     | —      | —      | —      | —    | —     | —    | —   | —   | — | —    |

## 4.9. User Defined Emissions By Equipment Type

### 4.9.1. Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

| Equipment Type      | TOG | ROG | NOx | CO | SO2 | PM10E | PM10D | PM10T | PM2.5E | PM2.5D | PM2.5T | BCO2 | NBCO2 | CO2T | CH4 | N2O | R | CO2e |
|---------------------|-----|-----|-----|----|-----|-------|-------|-------|--------|--------|--------|------|-------|------|-----|-----|---|------|
| Daily, Summer (Max) | —   | —   | —   | —  | —   | —     | —     | —     | —      | —      | —      | —    | —     | —    | —   | —   | — | —    |
| Total               | —   | —   | —   | —  | —   | —     | —     | —     | —      | —      | —      | —    | —     | —    | —   | —   | — | —    |
| Daily, Winter (Max) | —   | —   | —   | —  | —   | —     | —     | —     | —      | —      | —      | —    | —     | —    | —   | —   | — | —    |

|        |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
|--------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Total  | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Annual | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Total  | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |

## 4.10. Soil Carbon Accumulation By Vegetation Type

### 4.10.1. Soil Carbon Accumulation By Vegetation Type - Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

| Vegetation          | TOG | ROG | NOx | CO | SO2 | PM10E | PM10D | PM10T | PM2.5E | PM2.5D | PM2.5T | BCO2 | NBCO2 | CO2T | CH4 | N2O | R | CO2e |
|---------------------|-----|-----|-----|----|-----|-------|-------|-------|--------|--------|--------|------|-------|------|-----|-----|---|------|
| Daily, Summer (Max) | —   | —   | —   | —  | —   | —     | —     | —     | —      | —      | —      | —    | —     | —    | —   | —   | — | —    |
| Total               | —   | —   | —   | —  | —   | —     | —     | —     | —      | —      | —      | —    | —     | —    | —   | —   | — | —    |
| Daily, Winter (Max) | —   | —   | —   | —  | —   | —     | —     | —     | —      | —      | —      | —    | —     | —    | —   | —   | — | —    |
| Total               | —   | —   | —   | —  | —   | —     | —     | —     | —      | —      | —      | —    | —     | —    | —   | —   | — | —    |
| Annual              | —   | —   | —   | —  | —   | —     | —     | —     | —      | —      | —      | —    | —     | —    | —   | —   | — | —    |
| Total               | —   | —   | —   | —  | —   | —     | —     | —     | —      | —      | —      | —    | —     | —    | —   | —   | — | —    |

### 4.10.2. Above and Belowground Carbon Accumulation by Land Use Type - Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

| Land Use            | TOG | ROG | NOx | CO | SO2 | PM10E | PM10D | PM10T | PM2.5E | PM2.5D | PM2.5T | BCO2 | NBCO2 | CO2T | CH4 | N2O | R | CO2e |
|---------------------|-----|-----|-----|----|-----|-------|-------|-------|--------|--------|--------|------|-------|------|-----|-----|---|------|
| Daily, Summer (Max) | —   | —   | —   | —  | —   | —     | —     | —     | —      | —      | —      | —    | —     | —    | —   | —   | — | —    |
| Total               | —   | —   | —   | —  | —   | —     | —     | —     | —      | —      | —      | —    | —     | —    | —   | —   | — | —    |

|                     |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
|---------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Daily, Winter (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Total               | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Annual              | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Total               | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |

#### 4.10.3. Avoided and Sequestered Emissions by Species - Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

| Species             | TOG | ROG | NOx | CO | SO2 | PM10E | PM10D | PM10T | PM2.5E | PM2.5D | PM2.5T | BCO2 | NBCO2 | CO2T | CH4 | N2O | R | CO2e |
|---------------------|-----|-----|-----|----|-----|-------|-------|-------|--------|--------|--------|------|-------|------|-----|-----|---|------|
| Daily, Summer (Max) | —   | —   | —   | —  | —   | —     | —     | —     | —      | —      | —      | —    | —     | —    | —   | —   | — | —    |
| Avoided             | —   | —   | —   | —  | —   | —     | —     | —     | —      | —      | —      | —    | —     | —    | —   | —   | — | —    |
| Subtotal            | —   | —   | —   | —  | —   | —     | —     | —     | —      | —      | —      | —    | —     | —    | —   | —   | — | —    |
| Sequestered         | —   | —   | —   | —  | —   | —     | —     | —     | —      | —      | —      | —    | —     | —    | —   | —   | — | —    |
| Subtotal            | —   | —   | —   | —  | —   | —     | —     | —     | —      | —      | —      | —    | —     | —    | —   | —   | — | —    |
| Removed             | —   | —   | —   | —  | —   | —     | —     | —     | —      | —      | —      | —    | —     | —    | —   | —   | — | —    |
| Subtotal            | —   | —   | —   | —  | —   | —     | —     | —     | —      | —      | —      | —    | —     | —    | —   | —   | — | —    |
| —                   | —   | —   | —   | —  | —   | —     | —     | —     | —      | —      | —      | —    | —     | —    | —   | —   | — | —    |
| Daily, Winter (Max) | —   | —   | —   | —  | —   | —     | —     | —     | —      | —      | —      | —    | —     | —    | —   | —   | — | —    |
| Avoided             | —   | —   | —   | —  | —   | —     | —     | —     | —      | —      | —      | —    | —     | —    | —   | —   | — | —    |
| Subtotal            | —   | —   | —   | —  | —   | —     | —     | —     | —      | —      | —      | —    | —     | —    | —   | —   | — | —    |
| Sequestered         | —   | —   | —   | —  | —   | —     | —     | —     | —      | —      | —      | —    | —     | —    | —   | —   | — | —    |
| Subtotal            | —   | —   | —   | —  | —   | —     | —     | —     | —      | —      | —      | —    | —     | —    | —   | —   | — | —    |

|              |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
|--------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Remove d     | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Subtotal     | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| —            | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Annual       | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Avoided      | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Subtotal     | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Sequest ered | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Subtotal     | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Remove d     | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Subtotal     | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| —            | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |

5. Activity Data

5.1. Construction Schedule

| Phase Name            | Phase Type            | Start Date | End Date | Days Per Week | Work Days per Phase | Phase Description |
|-----------------------|-----------------------|------------|----------|---------------|---------------------|-------------------|
| Building Construction | Building Construction | 10/2/2023  | 4/2/2024 | 5.00          | 132                 | —                 |

5.2. Off-Road Equipment

5.2.1. Unmitigated

| Phase Name            | Equipment Type             | Fuel Type | Engine Tier | Number per Day | Hours Per Day | Horsepower | Load Factor |
|-----------------------|----------------------------|-----------|-------------|----------------|---------------|------------|-------------|
| Building Construction | Tractors/Loaders/Backh oes | Diesel    | Average     | 1.00           | 8.00          | 84.0       | 0.37        |
| Building Construction | Cement and Mortar Mixers   | Diesel    | Average     | 1.00           | 8.00          | 10.0       | 0.56        |

|                       |            |        |         |      |      |      |      |
|-----------------------|------------|--------|---------|------|------|------|------|
| Building Construction | Trenchers  | Diesel | Average | 1.00 | 8.00 | 40.0 | 0.50 |
| Building Construction | Cranes     | Diesel | Average | 1.00 | 8.00 | 367  | 0.29 |
| Building Construction | Excavators | Diesel | Average | 1.00 | 8.00 | 36.0 | 0.38 |

## 5.3. Construction Vehicles

### 5.3.1. Unmitigated

| Phase Name            | Trip Type    | One-Way Trips per Day | Miles per Trip | Vehicle Mix   |
|-----------------------|--------------|-----------------------|----------------|---------------|
| Building Construction | —            | —                     | —              | —             |
| Building Construction | Worker       | 84.2                  | 18.5           | LDA,LDT1,LDT2 |
| Building Construction | Vendor       | 32.9                  | 10.2           | HHDT,MHDT     |
| Building Construction | Hauling      | 0.00                  | 20.0           | HHDT          |
| Building Construction | Onsite truck | —                     | —              | HHDT          |

## 5.4. Vehicles

### 5.4.1. Construction Vehicle Control Strategies

Non-applicable. No control strategies activated by user.

## 5.5. Architectural Coatings

| Phase Name | Residential Interior Area Coated (sq ft) | Residential Exterior Area Coated (sq ft) | Non-Residential Interior Area Coated (sq ft) | Non-Residential Exterior Area Coated (sq ft) | Parking Area Coated (sq ft) |
|------------|------------------------------------------|------------------------------------------|----------------------------------------------|----------------------------------------------|-----------------------------|
|------------|------------------------------------------|------------------------------------------|----------------------------------------------|----------------------------------------------|-----------------------------|

## 5.6. Dust Mitigation

### 5.6.1. Construction Earthmoving Activities

| Phase Name | Material Imported (cy) | Material Exported (cy) | Acres Graded (acres) | Material Demolished (sq. ft.) | Acres Paved (acres) |
|------------|------------------------|------------------------|----------------------|-------------------------------|---------------------|
|------------|------------------------|------------------------|----------------------|-------------------------------|---------------------|

5.6.2. Construction Earthmoving Control Strategies

Non-applicable. No control strategies activated by user.

5.7. Construction Paving

| Land Use    | Area Paved (acres) | % Asphalt |
|-------------|--------------------|-----------|
| High School | 0.00               | 0%        |

5.8. Construction Electricity Consumption and Emissions Factors

kWh per Year and Emission Factor (lb/MWh)

| Year | kWh per Year | CO2 | CH4  | N2O     |
|------|--------------|-----|------|---------|
| 2023 | 0.00         | 532 | 0.03 | < 0.005 |
| 2024 | 0.00         | 532 | 0.03 | < 0.005 |

5.9. Operational Mobile Sources

5.9.1. Unmitigated

| Land Use Type       | Trips/Weekday | Trips/Saturday | Trips/Sunday | Trips/Year | VMT/Weekday | VMT/Saturday | VMT/Sunday | VMT/Year |
|---------------------|---------------|----------------|--------------|------------|-------------|--------------|------------|----------|
| Total all Land Uses | 0.00          | 0.00           | 0.00         | 0.00       | 0.00        | 0.00         | 0.00       | 0.00     |

5.10. Operational Area Sources

5.10.1. Hearths

5.10.1.1. Unmitigated

5.10.2. Architectural Coatings

| Residential Interior Area Coated (sq ft) | Residential Exterior Area Coated (sq ft) | Non-Residential Interior Area Coated (sq ft) | Non-Residential Exterior Area Coated (sq ft) | Parking Area Coated (sq ft) |
|------------------------------------------|------------------------------------------|----------------------------------------------|----------------------------------------------|-----------------------------|
|------------------------------------------|------------------------------------------|----------------------------------------------|----------------------------------------------|-----------------------------|

|   |      |      |      |   |
|---|------|------|------|---|
| 0 | 0.00 | 0.00 | 0.00 | — |
|---|------|------|------|---|

### 5.10.3. Landscape Equipment

| Season      | Unit   | Value |
|-------------|--------|-------|
| Snow Days   | day/yr | 0.00  |
| Summer Days | day/yr | 0.00  |

## 5.11. Operational Energy Consumption

### 5.11.1. Unmitigated

#### Electricity (kWh/yr) and CO2 and CH4 and N2O and Natural Gas (kBTU/yr)

| Land Use    | Electricity (kWh/yr) | CO2 | CH4    | N2O    | Natural Gas (kBTU/yr) |
|-------------|----------------------|-----|--------|--------|-----------------------|
| High School | 404,073              | 532 | 0.0330 | 0.0040 | 0.00                  |

## 5.12. Operational Water and Wastewater Consumption

### 5.12.1. Unmitigated

| Land Use    | Indoor Water (gal/year) | Outdoor Water (gal/year) |
|-------------|-------------------------|--------------------------|
| High School | 0.00                    | 0.00                     |

## 5.13. Operational Waste Generation

### 5.13.1. Unmitigated

| Land Use    | Waste (ton/year) | Cogeneration (kWh/year) |
|-------------|------------------|-------------------------|
| High School | 0.00             | 0.00                    |

## 5.14. Operational Refrigeration and Air Conditioning Equipment

### 5.14.1. Unmitigated

| Land Use Type | Equipment Type | Refrigerant | GWP | Quantity (kg) | Operations Leak Rate | Service Leak Rate | Times Serviced |
|---------------|----------------|-------------|-----|---------------|----------------------|-------------------|----------------|
|---------------|----------------|-------------|-----|---------------|----------------------|-------------------|----------------|

## 5.15. Operational Off-Road Equipment

### 5.15.1. Unmitigated

| Equipment Type | Fuel Type | Engine Tier | Number per Day | Hours Per Day | Horsepower | Load Factor |
|----------------|-----------|-------------|----------------|---------------|------------|-------------|
|----------------|-----------|-------------|----------------|---------------|------------|-------------|

## 5.16. Stationary Sources

### 5.16.1. Emergency Generators and Fire Pumps

| Equipment Type | Fuel Type | Number per Day | Hours per Day | Hours per Year | Horsepower | Load Factor |
|----------------|-----------|----------------|---------------|----------------|------------|-------------|
|----------------|-----------|----------------|---------------|----------------|------------|-------------|

### 5.16.2. Process Boilers

| Equipment Type | Fuel Type | Number | Boiler Rating (MMBtu/hr) | Daily Heat Input (MMBtu/day) | Annual Heat Input (MMBtu/yr) |
|----------------|-----------|--------|--------------------------|------------------------------|------------------------------|
|----------------|-----------|--------|--------------------------|------------------------------|------------------------------|

## 5.17. User Defined

| Equipment Type | Fuel Type |
|----------------|-----------|
| —              | —         |

## 5.18. Vegetation

### 5.18.1. Land Use Change

5.18.1.1. Unmitigated

| Vegetation Land Use Type | Vegetation Soil Type | Initial Acres | Final Acres |
|--------------------------|----------------------|---------------|-------------|
|--------------------------|----------------------|---------------|-------------|

5.18.1. Biomass Cover Type

5.18.1.1. Unmitigated

| Biomass Cover Type | Initial Acres | Final Acres |
|--------------------|---------------|-------------|
|--------------------|---------------|-------------|

5.18.2. Sequestration

5.18.2.1. Unmitigated

| Tree Type | Number | Electricity Saved (kWh/year) | Natural Gas Saved (btu/year) |
|-----------|--------|------------------------------|------------------------------|
|-----------|--------|------------------------------|------------------------------|

6. Climate Risk Detailed Report

6.1. Climate Risk Summary

Cal-Adapt midcentury 2040–2059 average projections for four hazards are reported below for your project location. These are under Representation Concentration Pathway (RCP) 8.5 which assumes GHG emissions will continue to rise strongly through 2050 and then plateau around 2100.

| Climate Hazard               | Result for Project Location | Unit                                       |
|------------------------------|-----------------------------|--------------------------------------------|
| Temperature and Extreme Heat | 23.3                        | annual days of extreme heat                |
| Extreme Precipitation        | 0.40                        | annual days with precipitation above 20 mm |
| Sea Level Rise               | 0.00                        | meters of inundation depth                 |
| Wildfire                     | 0.09                        | annual hectares burned                     |

Temperature and Extreme Heat data are for grid cell in which your project are located. The projection is based on the 98th historical percentile of daily maximum/minimum temperatures from observed historical data (32 climate model ensemble from Cal-Adapt, 2040–2059 average under RCP 8.5). Each grid cell is 6 kilometers (km) by 6 km, or 3.7 miles (mi) by 3.7 mi. Extreme Precipitation data are for the grid cell in which your project are located. The threshold of 20 mm is equivalent to about ¾ an inch of rain, which would be light to moderate rainfall if received over a full day or heavy rain if received over a period of 2 to 4 hours. Each grid cell is 6 kilometers (km) by 6 km, or 3.7 miles (mi) by 3.7 mi.

Sea Level Rise data are for the grid cell in which your project are located. The projections are from Radke et al. (2017), as reported in Cal-Adapt (2040–2059 average under RCP 8.5), and consider different increments of sea level rise coupled with extreme storm events. Users may select from four model simulations to view the range in potential inundation depth for the grid cell. The four simulations make different assumptions about expected rainfall and temperature are: Warmer/drier (HadGEM2-ES), Cooler/wetter (CNRM-CM5), Average conditions (CanESM2), Range of different rainfall and temperature possibilities (MIROC5). Each grid cell is 50 meters (m) by 50 m, or about 164 feet (ft) by 164 ft.

Wildfire data are for the grid cell in which your project are located. The projections are from UC Davis, as reported in Cal-Adapt (2040–2059 average under RCP 8.5), and consider historical data of climate, vegetation, population density, and large (> 400 ha) fire history. Users may select from four model simulations to view the range in potential wildfire probabilities for the grid cell. The four simulations make different assumptions about expected rainfall and temperature are: Warmer/drier (HadGEM2-ES), Cooler/wetter (CNRM-CM5), Average conditions (CanESM2), Range of different rainfall and temperature possibilities (MIROC5). Each grid cell is 6 kilometers (km) by 6 km, or 3.7 miles (mi) by 3.7 mi.

## 6.2. Initial Climate Risk Scores

| Climate Hazard               | Exposure Score | Sensitivity Score | Adaptive Capacity Score | Vulnerability Score |
|------------------------------|----------------|-------------------|-------------------------|---------------------|
| Temperature and Extreme Heat | 1              | 0                 | 0                       | N/A                 |
| Extreme Precipitation        | N/A            | N/A               | N/A                     | N/A                 |
| Sea Level Rise               | N/A            | N/A               | N/A                     | N/A                 |
| Wildfire                     | N/A            | N/A               | N/A                     | N/A                 |
| Flooding                     | N/A            | N/A               | N/A                     | N/A                 |
| Drought                      | 0              | 0                 | 0                       | N/A                 |
| Snowpack Reduction           | N/A            | N/A               | N/A                     | N/A                 |
| Air Quality Degradation      | N/A            | N/A               | N/A                     | N/A                 |

The sensitivity score reflects the extent to which a project would be adversely affected by exposure to a climate hazard. Exposure is rated on a scale of 1 to 5, with a score of 5 representing the greatest exposure.

The adaptive capacity of a project refers to its ability to manage and reduce vulnerabilities from projected climate hazards. Adaptive capacity is rated on a scale of 1 to 5, with a score of 5 representing the greatest ability to adapt.

The overall vulnerability scores are calculated based on the potential impacts and adaptive capacity assessments for each hazard. Scores do not include implementation of climate risk reduction measures.

## 6.3. Adjusted Climate Risk Scores

| Climate Hazard               | Exposure Score | Sensitivity Score | Adaptive Capacity Score | Vulnerability Score |
|------------------------------|----------------|-------------------|-------------------------|---------------------|
| Temperature and Extreme Heat | 1              | 1                 | 1                       | 2                   |
| Extreme Precipitation        | N/A            | N/A               | N/A                     | N/A                 |
| Sea Level Rise               | N/A            | N/A               | N/A                     | N/A                 |
| Wildfire                     | N/A            | N/A               | N/A                     | N/A                 |
| Flooding                     | N/A            | N/A               | N/A                     | N/A                 |

|                         |     |     |     |     |
|-------------------------|-----|-----|-----|-----|
| Drought                 | 1   | 1   | 1   | 2   |
| Snowpack Reduction      | N/A | N/A | N/A | N/A |
| Air Quality Degradation | N/A | N/A | N/A | N/A |

The sensitivity score reflects the extent to which a project would be adversely affected by exposure to a climate hazard. Exposure is rated on a scale of 1 to 5, with a score of 5 representing the greatest exposure.

The adaptive capacity of a project refers to its ability to manage and reduce vulnerabilities from projected climate hazards. Adaptive capacity is rated on a scale of 1 to 5, with a score of 5 representing the greatest ability to adapt.

The overall vulnerability scores are calculated based on the potential impacts and adaptive capacity assessments for each hazard. Scores include implementation of climate risk reduction measures.

## 7. Health and Equity Details

### 7.1. CalEnviroScreen 4.0 Scores

The maximum CalEnviroScreen score is 100. A high score (i.e., greater than 50) reflects a higher pollution burden compared to other census tracts in the state.

| Indicator                       | Result for Project Census Tract |
|---------------------------------|---------------------------------|
| Exposure Indicators             | —                               |
| AQ-Ozone                        | 88.7                            |
| AQ-PM                           | 6.29                            |
| AQ-DPM                          | 42.2                            |
| Drinking Water                  | 45.4                            |
| Lead Risk Housing               | 2.86                            |
| Pesticides                      | 0.00                            |
| Toxic Releases                  | 2.66                            |
| Traffic                         | 75.4                            |
| Effect Indicators               | —                               |
| CleanUp Sites                   | 0.00                            |
| Groundwater                     | 22.1                            |
| Haz Waste Facilities/Generators | 26.7                            |
| Impaired Water Bodies           | 0.00                            |
| Solid Waste                     | 52.9                            |

|                                 |      |
|---------------------------------|------|
| Sensitive Population            | —    |
| Asthma                          | 17.9 |
| Cardio-vascular                 | 15.1 |
| Low Birth Weights               | 0.35 |
| Socioeconomic Factor Indicators | —    |
| Education                       | 21.7 |
| Housing                         | 51.4 |
| Linguistic                      | 12.3 |
| Poverty                         | 28.6 |
| Unemployment                    | 55.0 |

## 7.2. Healthy Places Index Scores

The maximum Health Places Index score is 100. A high score (i.e., greater than 50) reflects healthier community conditions compared to other census tracts in the state.

| Indicator              | Result for Project Census Tract |
|------------------------|---------------------------------|
| Economic               | —                               |
| Above Poverty          | 69.75490825                     |
| Employed               | 13.55062235                     |
| Median HI              | 79.18644938                     |
| Education              | —                               |
| Bachelor's or higher   | 77.86475042                     |
| High school enrollment | 10.47093545                     |
| Preschool enrollment   | 43.9753625                      |
| Transportation         | —                               |
| Auto Access            | 76.73553189                     |
| Active commuting       | 13.58911844                     |
| Social                 | —                               |
| 2-parent households    | 18.91441037                     |

|                                              |             |
|----------------------------------------------|-------------|
| Voting                                       | 76.46605928 |
| Neighborhood                                 | —           |
| Alcohol availability                         | 93.43000128 |
| Park access                                  | 10.50943154 |
| Retail density                               | 12.87052483 |
| Supermarket access                           | 24.17554215 |
| Tree canopy                                  | 40.61337097 |
| Housing                                      | —           |
| Homeownership                                | 93.750802   |
| Housing habitability                         | 64.63492878 |
| Low-inc homeowner severe housing cost burden | 32.22122418 |
| Low-inc renter severe housing cost burden    | 12.38290774 |
| Uncrowded housing                            | 91.95431798 |
| Health Outcomes                              | —           |
| Insured adults                               | 75.63197742 |
| Arthritis                                    | 0.0         |
| Asthma ER Admissions                         | 85.8        |
| High Blood Pressure                          | 0.0         |
| Cancer (excluding skin)                      | 0.0         |
| Asthma                                       | 0.0         |
| Coronary Heart Disease                       | 0.0         |
| Chronic Obstructive Pulmonary Disease        | 0.0         |
| Diagnosed Diabetes                           | 0.0         |
| Life Expectancy at Birth                     | 32.6        |
| Cognitively Disabled                         | 85.7        |
| Physically Disabled                          | 29.8        |
| Heart Attack ER Admissions                   | 79.9        |

|                                       |      |
|---------------------------------------|------|
| Mental Health Not Good                | 0.0  |
| Chronic Kidney Disease                | 0.0  |
| Obesity                               | 0.0  |
| Pedestrian Injuries                   | 65.7 |
| Physical Health Not Good              | 0.0  |
| Stroke                                | 0.0  |
| Health Risk Behaviors                 | —    |
| Binge Drinking                        | 0.0  |
| Current Smoker                        | 0.0  |
| No Leisure Time for Physical Activity | 0.0  |
| Climate Change Exposures              | —    |
| Wildfire Risk                         | 0.0  |
| SLR Inundation Area                   | 0.0  |
| Children                              | 97.9 |
| Elderly                               | 0.7  |
| English Speaking                      | 87.7 |
| Foreign-born                          | 25.4 |
| Outdoor Workers                       | 86.9 |
| Climate Change Adaptive Capacity      | —    |
| Impervious Surface Cover              | 76.6 |
| Traffic Density                       | 47.3 |
| Traffic Access                        | 23.0 |
| Other Indices                         | —    |
| Hardship                              | 23.1 |
| Other Decision Support                | —    |
| 2016 Voting                           | 84.1 |

### 7.3. Overall Health & Equity Scores

| Metric                                                                              | Result for Project Census Tract |
|-------------------------------------------------------------------------------------|---------------------------------|
| CalEnviroScreen 4.0 Score for Project Location (a)                                  | 9.00                            |
| Healthy Places Index Score for Project Location (b)                                 | 51.0                            |
| Project Located in a Designated Disadvantaged Community (Senate Bill 535)           | No                              |
| Project Located in a Low-Income Community (Assembly Bill 1550)                      | No                              |
| Project Located in a Community Air Protection Program Community (Assembly Bill 617) | No                              |

a: The maximum CalEnviroScreen score is 100. A high score (i.e., greater than 50) reflects a higher pollution burden compared to other census tracts in the state.

b: The maximum Health Places Index score is 100. A high score (i.e., greater than 50) reflects healthier community conditions compared to other census tracts in the state.

### 7.4. Health & Equity Measures

No Health & Equity Measures selected.

### 7.5. Evaluation Scorecard

Health & Equity Evaluation Scorecard not completed.

### 7.6. Health & Equity Custom Measures

No Health & Equity Custom Measures created.

## 8. User Changes to Default Data

| Screen                             | Justification                       |
|------------------------------------|-------------------------------------|
| Construction: Construction Phases  | Specific construction schedule      |
| Construction: Off-Road Equipment   | Project specific equipment.         |
| Operations: Architectural Coatings | Electricity only.                   |
| Operations: Landscape Equipment    | Electricity only.                   |
| Operations: Energy Use             | Project specific electricity usage. |
| Operations: Water and Waste Water  | Electricity only.                   |
| Operations: Solid Waste            | Electricity only.                   |
| Operations: Refrigerants           | Electricity only.                   |



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## APPENDIX D

### Biological Resources Data

| Element_Type         | Scientific_Name           | Common_Name                          | Element_Code | Federal_Status | State_Status | CDFW_Status | CA_Rare_Plant_Rank | Quad_Code | Quad_Name      | Data_Status            | Taxonomic_S                                                     |
|----------------------|---------------------------|--------------------------------------|--------------|----------------|--------------|-------------|--------------------|-----------|----------------|------------------------|-----------------------------------------------------------------|
| Animals - Amphibians | Batrachoseps major aridus | desert slender salamander            | AAAAD02042   | Endangered     | Endangered   | -           | -                  | 3311653   | MARTINEZ MTN.  | Mapped                 | Animals - Amphibians - Plethodontidae Batrachoseps major aridus |
| Animals - Amphibians | Batrachoseps major aridus | desert slender salamander            | AAAAD02042   | Endangered     | Endangered   | -           | -                  | 3311654   | TORO PEAK      | Mapped and Unprocessed | Animals - Amphibians - Plethodontidae Batrachoseps major aridus |
| Animals - Amphibians | Rana draytonii            | California red-legged frog           | AAABH01022   | Threatened     | None         | SSC         | -                  | 3311675   | PALM SPRINGS   | Mapped                 | Animals - Amphibians - Ranidae - Rana draytonii                 |
| Animals - Amphibians | Rana draytonii            | California red-legged frog           | AAABH01022   | Threatened     | None         | SSC         | -                  | 3311665   | PALM VIEW PEAK | Mapped                 | Animals - Amphibians - Ranidae - Rana draytonii                 |
| Animals - Amphibians | Rana muscosa              | southern mountain yellow-legged frog | AAABH01330   | Endangered     | Endangered   | WL          | -                  | 3311665   | PALM VIEW PEAK | Mapped                 | Animals - Amphibians - Ranidae - Rana muscosa                   |
| Animals - Amphibians | Rana muscosa              | southern mountain yellow-legged frog | AAABH01330   | Endangered     | Endangered   | WL          | -                  | 3311675   | PALM SPRINGS   | Mapped                 | Animals - Amphibians - Ranidae - Rana muscosa                   |
| Animals - Arachnids  | Calileptoneta oasa        | Andreas Canyon leptonetid spider     | ILARAU6020   | None           | None         | -           | -                  | 3311675   | PALM SPRINGS   | Mapped                 | Animals - Arachnids - Leptonetidae - Calileptoneta oasa         |
| Animals - Arachnids  | Calileptoneta oasa        | Andreas Canyon leptonetid spider     | ILARAU6020   | None           | None         | -           | -                  | 3311665   | PALM VIEW PEAK | Mapped                 | Animals - Arachnids - Leptonetidae - Calileptoneta oasa         |
| Animals - Birds      | Accipiter cooperii        | Coopers hawk                         | ABNKC12040   | None           | None         | WL          | -                  | 3311654   | TORO PEAK      | Unprocessed            | Animals - Birds Accipitridae - Accipiter cooperii               |
| Animals - Birds      | Accipiter cooperii        | Coopers hawk                         | ABNKC12040   | None           | None         | WL          | -                  | 3311655   | BUTTERFLY PEAK | Unprocessed            | Animals - Birds Accipitridae - Accipiter cooperii               |
| Animals - Birds      | Accipiter cooperii        | Coopers hawk                         | ABNKC12040   | None           | None         | WL          | -                  | 3311675   | PALM SPRINGS   | Unprocessed            | Animals - Birds Accipitridae - Accipiter cooperii               |
| Animals - Birds      | Accipiter cooperii        | Coopers hawk                         | ABNKC12040   | None           | None         | WL          | -                  | 3311673   | MYOMA          | Unprocessed            | Animals - Birds Accipitridae - Accipiter cooperii               |
| Animals - Birds      | Accipiter cooperii        | Coopers hawk                         | ABNKC12040   | None           | None         | WL          | -                  | 3311665   | PALM VIEW PEAK | Mapped and Unprocessed | Animals - Birds Accipitridae - Accipiter cooperii               |
| Animals - Birds      | Accipiter striatus        | sharp-shinned hawk                   | ABNKC12020   | None           | None         | WL          | -                  | 3311665   | PALM VIEW PEAK | Unprocessed            | Animals - Birds Accipitridae - Accipiter striatus               |

|                 |                            |                        |            |      |      |         |   |         |                |                        |                                                              |
|-----------------|----------------------------|------------------------|------------|------|------|---------|---|---------|----------------|------------------------|--------------------------------------------------------------|
| Animals - Birds | Accipiter striatus         | sharp-shinned hawk     | ABNKC12020 | None | None | WL      | - | 3311673 | MYOMA          | Unprocessed            | Animals - Birds<br>Accipitridae -<br>Accipiter striat        |
| Animals - Birds | Accipiter striatus         | sharp-shinned hawk     | ABNKC12020 | None | None | WL      | - | 3311675 | PALM SPRINGS   | Unprocessed            | Animals - Birds<br>Accipitridae -<br>Accipiter striat        |
| Animals - Birds | Aquila chrysaetos          | golden eagle           | ABNKC22010 | None | None | FP   WL | - | 3311675 | PALM SPRINGS   | Mapped and Unprocessed | Animals - Birds<br>Accipitridae -<br>Aquila chrysaе          |
| Animals - Birds | Aquila chrysaetos          | golden eagle           | ABNKC22010 | None | None | FP   WL | - | 3311663 | LA QUINTA      | Unprocessed            | Animals - Birds<br>Accipitridae -<br>Aquila chrysaе          |
| Animals - Birds | Aquila chrysaetos          | golden eagle           | ABNKC22010 | None | None | FP   WL | - | 3311664 | RANCHO MIRAGE  | Mapped and Unprocessed | Animals - Birds<br>Accipitridae -<br>Aquila chrysaе          |
| Animals - Birds | Aquila chrysaetos          | golden eagle           | ABNKC22010 | None | None | FP   WL | - | 3311655 | BUTTERFLY PEAK | Unprocessed            | Animals - Birds<br>Accipitridae -<br>Aquila chrysaе          |
| Animals - Birds | Aquila chrysaetos          | golden eagle           | ABNKC22010 | None | None | FP   WL | - | 3311654 | TORO PEAK      | Unprocessed            | Animals - Birds<br>Accipitridae -<br>Aquila chrysaе          |
| Animals - Birds | Aquila chrysaetos          | golden eagle           | ABNKC22010 | None | None | FP   WL | - | 3311653 | MARTINEZ MTN.  | Unprocessed            | Animals - Birds<br>Accipitridae -<br>Aquila chrysaе          |
| Animals - Birds | Circus hudsonius           | northern harrier       | ABNKC11011 | None | None | SSC     | - | 3311673 | MYOMA          | Unprocessed            | Animals - Birds<br>Accipitridae -<br>Circus hudsoni          |
| Animals - Birds | Eremophila alpestris actia | California horned lark | ABPAT02011 | None | None | WL      | - | 3311673 | MYOMA          | Unprocessed            | Animals - Birds<br>Alaudidae -<br>Eremophila alpestris actia |
| Animals - Birds | Eremophila alpestris actia | California horned lark | ABPAT02011 | None | None | WL      | - | 3311674 | CATHEDRAL CITY | Unprocessed            | Animals - Birds<br>Alaudidae -<br>Eremophila alpestris actia |
| Animals - Birds | Chaetura vauxi             | Vauxs swift            | ABNUA03020 | None | None | SSC     | - | 3311673 | MYOMA          | Unprocessed            | Animals - Birds<br>Apodidae -<br>Chaetura vauxi              |
| Animals - Birds | Chaetura vauxi             | Vauxs swift            | ABNUA03020 | None | None | SSC     | - | 3311675 | PALM SPRINGS   | Unprocessed            | Animals - Birds<br>Apodidae -<br>Chaetura vauxi              |
| Animals - Birds | Chaetura vauxi             | Vauxs swift            | ABNUA03020 | None | None | SSC     | - | 3311665 | PALM VIEW PEAK | Unprocessed            | Animals - Birds<br>Apodidae -<br>Chaetura vauxi              |
| Animals - Birds | Cypseloides niger          | black swift            | ABNUA01010 | None | None | SSC     | - | 3311675 | PALM SPRINGS   | Mapped and Unprocessed | Animals - Birds<br>Apodidae -<br>Cypseloides ni              |
| Animals - Birds | Ardea herodias             | great blue heron       | ABNGA04010 | None | None | -       | - | 3311675 | PALM SPRINGS   | Unprocessed            | Animals - Birds<br>Ardeidae - Arde<br>herodias               |
| Animals - Birds | Ardea herodias             | great blue heron       | ABNGA04010 | None | None | -       | - | 3311673 | MYOMA          | Unprocessed            | Animals - Birds<br>Ardeidae - Arde<br>herodias               |
| Animals - Birds | Ardea herodias             | great blue heron       | ABNGA04010 | None | None | -       | - | 3311665 | PALM VIEW PEAK | Unprocessed            | Animals - Birds<br>Ardeidae - Arde<br>herodias               |

|                 |                       |                      |            |      |      |     |   |         |                |                        |                                                     |
|-----------------|-----------------------|----------------------|------------|------|------|-----|---|---------|----------------|------------------------|-----------------------------------------------------|
| Animals - Birds | Botaurus lentiginosus | American bittern     | ABNGA01020 | None | None | -   | - | 3311673 | MYOMA          | Unprocessed            | Animals - Birds<br>Ardeidae - Botaurus lentiginosus |
| Animals - Birds | Piranga rubra         | summer tanager       | ABPBX45030 | None | None | SSC | - | 3311673 | MYOMA          | Unprocessed            | Animals - Birds<br>Cardinalidae - Piranga rubra     |
| Animals - Birds | Piranga rubra         | summer tanager       | ABPBX45030 | None | None | SSC | - | 3311675 | PALM SPRINGS   | Unprocessed            | Animals - Birds<br>Cardinalidae - Piranga rubra     |
| Animals - Birds | Piranga rubra         | summer tanager       | ABPBX45030 | None | None | SSC | - | 3311665 | PALM VIEW PEAK | Unprocessed            | Animals - Birds<br>Cardinalidae - Piranga rubra     |
| Animals - Birds | Falco mexicanus       | prairie falcon       | ABNKD06090 | None | None | WL  | - | 3311665 | PALM VIEW PEAK | Unprocessed            | Animals - Birds<br>Falconidae - Falco mexicanus     |
| Animals - Birds | Falco mexicanus       | prairie falcon       | ABNKD06090 | None | None | WL  | - | 3311664 | RANCHO MIRAGE  | Mapped and Unprocessed | Animals - Birds<br>Falconidae - Falco mexicanus     |
| Animals - Birds | Falco mexicanus       | prairie falcon       | ABNKD06090 | None | None | WL  | - | 3311663 | LA QUINTA      | Mapped and Unprocessed | Animals - Birds<br>Falconidae - Falco mexicanus     |
| Animals - Birds | Falco mexicanus       | prairie falcon       | ABNKD06090 | None | None | WL  | - | 3311675 | PALM SPRINGS   | Mapped and Unprocessed | Animals - Birds<br>Falconidae - Falco mexicanus     |
| Animals - Birds | Falco mexicanus       | prairie falcon       | ABNKD06090 | None | None | WL  | - | 3311673 | MYOMA          | Mapped and Unprocessed | Animals - Birds<br>Falconidae - Falco mexicanus     |
| Animals - Birds | Falco mexicanus       | prairie falcon       | ABNKD06090 | None | None | WL  | - | 3311674 | CATHEDRAL CITY | Mapped and Unprocessed | Animals - Birds<br>Falconidae - Falco mexicanus     |
| Animals - Birds | Falco mexicanus       | prairie falcon       | ABNKD06090 | None | None | WL  | - | 3311653 | MARTINEZ MTN.  | Mapped                 | Animals - Birds<br>Falconidae - Falco mexicanus     |
| Animals - Birds | Spinus lawrencei      | Lawrences goldfinch  | ABPBY06100 | None | None | -   | - | 3311655 | BUTTERFLY PEAK | Unprocessed            | Animals - Birds<br>Fringillidae - Spinus lawrencei  |
| Animals - Birds | Spinus lawrencei      | Lawrences goldfinch  | ABPBY06100 | None | None | -   | - | 3311673 | MYOMA          | Unprocessed            | Animals - Birds<br>Fringillidae - Spinus lawrencei  |
| Animals - Birds | Spinus lawrencei      | Lawrences goldfinch  | ABPBY06100 | None | None | -   | - | 3311675 | PALM SPRINGS   | Unprocessed            | Animals - Birds<br>Fringillidae - Spinus lawrencei  |
| Animals - Birds | Spinus lawrencei      | Lawrences goldfinch  | ABPBY06100 | None | None | -   | - | 3311665 | PALM VIEW PEAK | Unprocessed            | Animals - Birds<br>Fringillidae - Spinus lawrencei  |
| Animals - Birds | Progne subis          | purple martin        | ABPAU01010 | None | None | SSC | - | 3311665 | PALM VIEW PEAK | Mapped                 | Animals - Birds<br>Hirundinidae - Progne subis      |
| Animals - Birds | Progne subis          | purple martin        | ABPAU01010 | None | None | SSC | - | 3311655 | BUTTERFLY PEAK | Mapped                 | Animals - Birds<br>Hirundinidae - Progne subis      |
| Animals - Birds | Icteria virens        | yellow-breasted chat | ABPBX24010 | None | None | SSC | - | 3311665 | PALM VIEW PEAK | Unprocessed            | Animals - Birds<br>Icteridae - Icteria virens       |

|                 |                     |                      |            |      |      |     |   |         |                |                        |                                                |
|-----------------|---------------------|----------------------|------------|------|------|-----|---|---------|----------------|------------------------|------------------------------------------------|
| Animals - Birds | Icteria virens      | yellow-breasted chat | ABPBX24010 | None | None | SSC | - | 3311675 | PALM SPRINGS   | Unprocessed            | Animals - Birds Icteriidae - Icteria virens    |
| Animals - Birds | Icteria virens      | yellow-breasted chat | ABPBX24010 | None | None | SSC | - | 3311673 | MYOMA          | Unprocessed            | Animals - Birds Icteriidae - Icteria virens    |
| Animals - Birds | Lanius ludovicianus | loggerhead shrike    | ABPBR01030 | None | None | SSC | - | 3311673 | MYOMA          | Mapped and Unprocessed | Animals - Birds Laniidae - Lanius ludovicianus |
| Animals - Birds | Lanius ludovicianus | loggerhead shrike    | ABPBR01030 | None | None | SSC | - | 3311674 | CATHEDRAL CITY | Unprocessed            | Animals - Birds Laniidae - Lanius ludovicianus |
| Animals - Birds | Lanius ludovicianus | loggerhead shrike    | ABPBR01030 | None | None | SSC | - | 3311675 | PALM SPRINGS   | Unprocessed            | Animals - Birds Laniidae - Lanius ludovicianus |
| Animals - Birds | Lanius ludovicianus | loggerhead shrike    | ABPBR01030 | None | None | SSC | - | 3311665 | PALM VIEW PEAK | Unprocessed            | Animals - Birds Laniidae - Lanius ludovicianus |
| Animals - Birds | Toxostoma crissale  | Crissal thrasher     | ABPBK06090 | None | None | SSC | - | 3311663 | LA QUINTA      | Mapped                 | Animals - Birds Mimidae - Toxostoma crissale   |
| Animals - Birds | Toxostoma crissale  | Crissal thrasher     | ABPBK06090 | None | None | SSC | - | 3311675 | PALM SPRINGS   | Mapped and Unprocessed | Animals - Birds Mimidae - Toxostoma crissale   |
| Animals - Birds | Toxostoma crissale  | Crissal thrasher     | ABPBK06090 | None | None | SSC | - | 3311673 | MYOMA          | Unprocessed            | Animals - Birds Mimidae - Toxostoma crissale   |
| Animals - Birds | Toxostoma crissale  | Crissal thrasher     | ABPBK06090 | None | None | SSC | - | 3311653 | MARTINEZ MTN.  | Unprocessed            | Animals - Birds Mimidae - Toxostoma crissale   |
| Animals - Birds | Toxostoma lecontei  | Le Contes thrasher   | ABPBK06100 | None | None | SSC | - | 3311654 | TORO PEAK      | Unprocessed            | Animals - Birds Mimidae - Toxostoma lecontei   |
| Animals - Birds | Toxostoma lecontei  | Le Contes thrasher   | ABPBK06100 | None | None | SSC | - | 3311673 | MYOMA          | Unprocessed            | Animals - Birds Mimidae - Toxostoma lecontei   |
| Animals - Birds | Toxostoma lecontei  | Le Contes thrasher   | ABPBK06100 | None | None | SSC | - | 3311674 | CATHEDRAL CITY | Mapped and Unprocessed | Animals - Birds Mimidae - Toxostoma lecontei   |
| Animals - Birds | Toxostoma lecontei  | Le Contes thrasher   | ABPBK06100 | None | None | SSC | - | 3311675 | PALM SPRINGS   | Mapped and Unprocessed | Animals - Birds Mimidae - Toxostoma lecontei   |
| Animals - Birds | Toxostoma lecontei  | Le Contes thrasher   | ABPBK06100 | None | None | SSC | - | 3311663 | LA QUINTA      | Mapped                 | Animals - Birds Mimidae - Toxostoma lecontei   |
| Animals - Birds | Toxostoma lecontei  | Le Contes thrasher   | ABPBK06100 | None | None | SSC | - | 3311665 | PALM VIEW PEAK | Mapped                 | Animals - Birds Mimidae -                      |

|                 |                                     |                                            |            |      |      |     |   |         |                |                        |                                                                           |
|-----------------|-------------------------------------|--------------------------------------------|------------|------|------|-----|---|---------|----------------|------------------------|---------------------------------------------------------------------------|
|                 |                                     |                                            |            |      |      |     |   |         |                |                        | Toxostoma lecontei                                                        |
| Animals - Birds | Leiothlypis luciae                  | Lucys warbler                              | ABPBX01090 | None | None | SSC | - | 3311665 | PALM VIEW PEAK | Unprocessed            | Animals - Birds<br>Parulidae -<br>Leiothlypis luci                        |
| Animals - Birds | Leiothlypis luciae                  | Lucys warbler                              | ABPBX01090 | None | None | SSC | - | 3311675 | PALM SPRINGS   | Unprocessed            | Animals - Birds<br>Parulidae -<br>Leiothlypis luci                        |
| Animals - Birds | Setophaga petechia                  | yellow warbler                             | ABPBX03010 | None | None | SSC | - | 3311675 | PALM SPRINGS   | Unprocessed            | Animals - Birds<br>Parulidae -<br>Setophaga petechia                      |
| Animals - Birds | Setophaga petechia                  | yellow warbler                             | ABPBX03010 | None | None | SSC | - | 3311674 | CATHEDRAL CITY | Unprocessed            | Animals - Birds<br>Parulidae -<br>Setophaga petechia                      |
| Animals - Birds | Setophaga petechia                  | yellow warbler                             | ABPBX03010 | None | None | SSC | - | 3311673 | MYOMA          | Unprocessed            | Animals - Birds<br>Parulidae -<br>Setophaga petechia                      |
| Animals - Birds | Setophaga petechia                  | yellow warbler                             | ABPBX03010 | None | None | SSC | - | 3311665 | PALM VIEW PEAK | Unprocessed            | Animals - Birds<br>Parulidae -<br>Setophaga petechia                      |
| Animals - Birds | Setophaga petechia                  | yellow warbler                             | ABPBX03010 | None | None | SSC | - | 3311655 | BUTTERFLY PEAK | Unprocessed            | Animals - Birds<br>Parulidae -<br>Setophaga petechia                      |
| Animals - Birds | Aimophila ruficeps canescens        | southern California rufous-crowned sparrow | ABPBX91091 | None | None | WL  | - | 3311665 | PALM VIEW PEAK | Unprocessed            | Animals - Birds<br>Passerellidae -<br>Aimophila rufic                     |
| Animals - Birds | Aimophila ruficeps canescens        | southern California rufous-crowned sparrow | ABPBX91091 | None | None | WL  | - | 3311675 | PALM SPRINGS   | Mapped and Unprocessed | Animals - Birds<br>Passerellidae -<br>Aimophila rufic                     |
| Animals - Birds | Artemisiospiza belli belli          | Bells sparrow                              | ABPBX97021 | None | None | WL  | - | 3311665 | PALM VIEW PEAK | Unprocessed            | Animals - Birds<br>Passerellidae -<br>Artemisiospiza belli belli          |
| Animals - Birds | Artemisiospiza belli belli          | Bells sparrow                              | ABPBX97021 | None | None | WL  | - | 3311655 | BUTTERFLY PEAK | Unprocessed            | Animals - Birds<br>Passerellidae -<br>Artemisiospiza belli belli          |
| Animals - Birds | Melospiza aberti                    | Aberts towhee                              | ABPBX74050 | None | None | -   | - | 3311675 | PALM SPRINGS   | Unprocessed            | Animals - Birds<br>Passerellidae -<br>Melospiza aber                      |
| Animals - Birds | Passerculus sandwichensis alaudinus | Bryants savannah sparrow                   | ABPBX99011 | None | None | SSC | - | 3311673 | MYOMA          | Unprocessed            | Animals - Birds<br>Passerellidae -<br>Passerculus sandwichensis alaudinus |
| Animals - Birds | Passerculus sandwichensis rostratus | large-billed savannah sparrow              | ABPBX9901D | None | None | SSC | - | 3311673 | MYOMA          | Unprocessed            | Animals - Birds<br>Passerellidae -<br>Passerculus sandwichensis rostratus |

|                 |                                     |                                |            |            |      |     |   |         |                |                        |                                                                         |
|-----------------|-------------------------------------|--------------------------------|------------|------------|------|-----|---|---------|----------------|------------------------|-------------------------------------------------------------------------|
| Animals - Birds | Spizella breweri                    | Brewers sparrow                | ABPBX94040 | None       | None | -   | - | 3311673 | MYOMA          | Unprocessed            | Animals - Birds<br>Passerellidae - Spizella breweri                     |
| Animals - Birds | Poliophtila californica californica | coastal California gnatcatcher | ABPBJ08081 | Threatened | None | SSC | - | 3311674 | CATHEDRAL CITY | Mapped                 | Animals - Birds<br>Poliophtilidae - Poliophtila californica californica |
| Animals - Birds | Poliophtila californica californica | coastal California gnatcatcher | ABPBJ08081 | Threatened | None | SSC | - | 3311675 | PALM SPRINGS   | Mapped                 | Animals - Birds<br>Poliophtilidae - Poliophtila californica californica |
| Animals - Birds | Poliophtila melanura                | black-tailed gnatcatcher       | ABPBJ08030 | None       | None | WL  | - | 3311675 | PALM SPRINGS   | Mapped and Unprocessed | Animals - Birds<br>Poliophtilidae - Poliophtila melanura                |
| Animals - Birds | Poliophtila melanura                | black-tailed gnatcatcher       | ABPBJ08030 | None       | None | WL  | - | 3311673 | MYOMA          | Unprocessed            | Animals - Birds<br>Poliophtilidae - Poliophtila melanura                |
| Animals - Birds | Poliophtila melanura                | black-tailed gnatcatcher       | ABPBJ08030 | None       | None | WL  | - | 3311665 | PALM VIEW PEAK | Unprocessed            | Animals - Birds<br>Poliophtilidae - Poliophtila melanura                |
| Animals - Birds | Poliophtila melanura                | black-tailed gnatcatcher       | ABPBJ08030 | None       | None | WL  | - | 3311664 | RANCHO MIRAGE  | Mapped                 | Animals - Birds<br>Poliophtilidae - Poliophtila melanura                |
| Animals - Birds | Poliophtila melanura                | black-tailed gnatcatcher       | ABPBJ08030 | None       | None | WL  | - | 3311663 | LA QUINTA      | Mapped                 | Animals - Birds<br>Poliophtilidae - Poliophtila melanura                |
| Animals - Birds | Poliophtila melanura                | black-tailed gnatcatcher       | ABPBJ08030 | None       | None | WL  | - | 3311654 | TORO PEAK      | Mapped and Unprocessed | Animals - Birds<br>Poliophtilidae - Poliophtila melanura                |
| Animals - Birds | Athene cunicularia                  | burrowing owl                  | ABNSB10010 | None       | None | SSC | - | 3311653 | MARTINEZ MTN.  | Unprocessed            | Animals - Birds<br>Strigidae - Athe cunicularia                         |
| Animals - Birds | Athene cunicularia                  | burrowing owl                  | ABNSB10010 | None       | None | SSC | - | 3311664 | RANCHO MIRAGE  | Unprocessed            | Animals - Birds<br>Strigidae - Athe cunicularia                         |
| Animals - Birds | Athene cunicularia                  | burrowing owl                  | ABNSB10010 | None       | None | SSC | - | 3311663 | LA QUINTA      | Mapped and Unprocessed | Animals - Birds<br>Strigidae - Athe cunicularia                         |
| Animals - Birds | Athene cunicularia                  | burrowing owl                  | ABNSB10010 | None       | None | SSC | - | 3311673 | MYOMA          | Mapped and Unprocessed | Animals - Birds<br>Strigidae - Athe cunicularia                         |
| Animals - Birds | Athene cunicularia                  | burrowing owl                  | ABNSB10010 | None       | None | SSC | - | 3311674 | CATHEDRAL CITY | Mapped and Unprocessed | Animals - Birds<br>Strigidae - Athe cunicularia                         |
| Animals - Birds | Athene cunicularia                  | burrowing owl                  | ABNSB10010 | None       | None | SSC | - | 3311675 | PALM SPRINGS   | Unprocessed            | Animals - Birds<br>Strigidae - Athe cunicularia                         |
| Animals - Birds | Calypste costae                     | Costas hummingbird             | ABNUC47020 | None       | None | -   | - | 3311675 | PALM SPRINGS   | Unprocessed            | Animals - Birds<br>Trochilidae -                                        |

|                 |                              |                                |            |            |            |     |   |         |                |                        |                                                       |
|-----------------|------------------------------|--------------------------------|------------|------------|------------|-----|---|---------|----------------|------------------------|-------------------------------------------------------|
|                 |                              |                                |            |            |            |     |   |         |                |                        | Calypte costae                                        |
| Animals - Birds | Calypte costae               | Costas hummingbird             | ABNUC47020 | None       | None       | -   | - | 3311673 | MYOMA          | Unprocessed            | Animals - Birds Trochilidae - Calypte costae          |
| Animals - Birds | Calypte costae               | Costas hummingbird             | ABNUC47020 | None       | None       | -   | - | 3311665 | PALM VIEW PEAK | Unprocessed            | Animals - Birds Trochilidae - Calypte costae          |
| Animals - Birds | Selasphorus rufus            | rufous hummingbird             | ABNUC51020 | None       | None       | -   | - | 3311665 | PALM VIEW PEAK | Unprocessed            | Animals - Birds Trochilidae - Selasphorus ru          |
| Animals - Birds | Selasphorus rufus            | rufous hummingbird             | ABNUC51020 | None       | None       | -   | - | 3311673 | MYOMA          | Unprocessed            | Animals - Birds Trochilidae - Selasphorus ru          |
| Animals - Birds | Selasphorus rufus            | rufous hummingbird             | ABNUC51020 | None       | None       | -   | - | 3311675 | PALM SPRINGS   | Unprocessed            | Animals - Birds Trochilidae - Selasphorus ru          |
| Animals - Birds | Contopus cooperi             | olive-sided flycatcher         | ABPAE32010 | None       | None       | SSC | - | 3311675 | PALM SPRINGS   | Unprocessed            | Animals - Birds Tyrannidae - Contopus coop            |
| Animals - Birds | Contopus cooperi             | olive-sided flycatcher         | ABPAE32010 | None       | None       | SSC | - | 3311673 | MYOMA          | Unprocessed            | Animals - Birds Tyrannidae - Contopus coop            |
| Animals - Birds | Contopus cooperi             | olive-sided flycatcher         | ABPAE32010 | None       | None       | SSC | - | 3311665 | PALM VIEW PEAK | Unprocessed            | Animals - Birds Tyrannidae - Contopus coop            |
| Animals - Birds | Empidonax traillii brewsteri | little willow flycatcher       | ABPAE33041 | None       | Endangered | -   | - | 3311673 | MYOMA          | Unprocessed            | Animals - Birds Tyrannidae - Empidonax trai brewsteri |
| Animals - Birds | Empidonax traillii extimus   | southwestern willow flycatcher | ABPAE33043 | Endangered | Endangered | -   | - | 3311673 | MYOMA          | Mapped and Unprocessed | Animals - Birds Tyrannidae - Empidonax trai extimus   |
| Animals - Birds | Empidonax traillii extimus   | southwestern willow flycatcher | ABPAE33043 | Endangered | Endangered | -   | - | 3311675 | PALM SPRINGS   | Unprocessed            | Animals - Birds Tyrannidae - Empidonax trai extimus   |
| Animals - Birds | Empidonax traillii extimus   | southwestern willow flycatcher | ABPAE33043 | Endangered | Endangered | -   | - | 3311664 | RANCHO MIRAGE  | Mapped                 | Animals - Birds Tyrannidae - Empidonax trai extimus   |
| Animals - Birds | Pyrocephalus rubinus         | vermillion flycatcher          | ABPAE36010 | None       | None       | SSC | - | 3311663 | LA QUINTA      | Mapped and Unprocessed | Animals - Birds Tyrannidae - Pyrocephalus rubinus     |
| Animals - Birds | Vireo bellii pusillus        | least Bells vireo              | ABPBW01114 | Endangered | Endangered | -   | - | 3311663 | LA QUINTA      | Unprocessed            | Animals - Birds Vireonidae - Vii bellii pusillus      |
| Animals - Birds | Vireo bellii pusillus        | least Bells vireo              | ABPBW01114 | Endangered | Endangered | -   | - | 3311665 | PALM VIEW PEAK | Mapped                 | Animals - Birds Vireonidae - Vii bellii pusillus      |
| Animals - Birds | Vireo bellii pusillus        | least Bells vireo              | ABPBW01114 | Endangered | Endangered | -   | - | 3311675 | PALM SPRINGS   | Mapped and Unprocessed | Animals - Birds Vireonidae - Vii bellii pusillus      |
| Animals - Birds | Vireo vicinior               | gray vireo                     | ABPBW01140 | None       | None       | SSC | - | 3311654 | TORO PEAK      | Unprocessed            | Animals - Birds Vireonidae - Vii                      |

8/32

|                   |                            |                                             |            |            |      |   |   |         |                |                        |                                                           |
|-------------------|----------------------------|---------------------------------------------|------------|------------|------|---|---|---------|----------------|------------------------|-----------------------------------------------------------|
|                   |                            | (cheeseweed moth lacewing)                  |            |            |      |   |   |         |                |                        | Oliarces clara                                            |
| Animals - Insects | Oliarces clara             | cheeseweed owfly (cheeseweed moth lacewing) | IINEU04010 | None       | None | - | - | 3311663 | LA QUINTA      | Mapped                 | Animals - Insect - Ithonidae - Oliarces clara             |
| Animals - Insects | Euphydryas editha quino    | quino checkerspot butterfly                 | IILEPK405L | Endangered | None | - | - | 3311665 | PALM VIEW PEAK | Unprocessed            | Animals - Insect - Nymphalidae Euphydryas editha quino    |
| Animals - Insects | Euphydryas editha quino    | quino checkerspot butterfly                 | IILEPK405L | Endangered | None | - | - | 3311675 | PALM SPRINGS   | Unprocessed            | Animals - Insect - Nymphalidae Euphydryas editha quino    |
| Animals - Insects | Euphydryas editha quino    | quino checkerspot butterfly                 | IILEPK405L | Endangered | None | - | - | 3311673 | MYOMA          | Unprocessed            | Animals - Insect - Nymphalidae Euphydryas editha quino    |
| Animals - Insects | Euphydryas editha quino    | quino checkerspot butterfly                 | IILEPK405L | Endangered | None | - | - | 3311654 | TORO PEAK      | Unprocessed            | Animals - Insect - Nymphalidae Euphydryas editha quino    |
| Animals - Insects | Euphydryas editha quino    | quino checkerspot butterfly                 | IILEPK405L | Endangered | None | - | - | 3311655 | BUTTERFLY PEAK | Mapped and Unprocessed | Animals - Insect - Nymphalidae Euphydryas editha quino    |
| Animals - Insects | Macrobaenetes valgum       | Coachella giant sand treader cricket        | IORT22020  | None       | None | - | - | 3311673 | MYOMA          | Mapped and Unprocessed | Animals - Insect - Raphidophoridae - Macrobaenetes valgum |
| Animals - Insects | Macrobaenetes valgum       | Coachella giant sand treader cricket        | IORT22020  | None       | None | - | - | 3311674 | CATHEDRAL CITY | Mapped                 | Animals - Insect - Raphidophoridae - Macrobaenetes valgum |
| Animals - Insects | Macrobaenetes valgum       | Coachella giant sand treader cricket        | IORT22020  | None       | None | - | - | 3311664 | RANCHO MIRAGE  | Mapped                 | Animals - Insect - Raphidophoridae - Macrobaenetes valgum |
| Animals - Insects | Macrobaenetes valgum       | Coachella giant sand treader cricket        | IORT22020  | None       | None | - | - | 3311663 | LA QUINTA      | Mapped and Unprocessed | Animals - Insect - Raphidophoridae - Macrobaenetes valgum |
| Animals - Insects | Dinacoma caseyi            | Caseys June beetle                          | IICOLX5010 | Endangered | None | - | - | 3311663 | LA QUINTA      | Mapped                 | Animals - Insect - Scarabaeidae Dinacoma caseyi           |
| Animals - Insects | Dinacoma caseyi            | Caseys June beetle                          | IICOLX5010 | Endangered | None | - | - | 3311675 | PALM SPRINGS   | Mapped and Unprocessed | Animals - Insect - Scarabaeidae Dinacoma caseyi           |
| Animals - Insects | Dinacoma caseyi            | Caseys June beetle                          | IICOLX5010 | Endangered | None | - | - | 3311674 | CATHEDRAL CITY | Mapped and Unprocessed | Animals - Insect - Scarabaeidae Dinacoma caseyi           |
| Animals - Insects | Stenopelmatus californicus | Coachella Valley Jerusalem cricket          | IORT26010  | None       | None | - | - | 3311675 | PALM SPRINGS   | Mapped and Unprocessed | Animals - Insect - Stenopelmatus californicus             |

|                   |                                |                                    |            |            |            |     |   |         |                |                        |                                                              |
|-------------------|--------------------------------|------------------------------------|------------|------------|------------|-----|---|---------|----------------|------------------------|--------------------------------------------------------------|
|                   |                                |                                    |            |            |            |     |   |         |                |                        | - Stenopelmatus cahulaensis                                  |
| Animals - Insects | Stenopelmatus cahulaensis      | Coachella Valley jerusalem cricket | IORT26010  | None       | None       | -   | - | 3311674 | CATHEDRAL CITY | Mapped                 | Animals - Insect<br>- Stenopelmatus cahulaensis              |
| Animals - Mammals | Ovis canadensis nelsoni pop. 2 | Peninsular bighorn sheep DPS       | AMALE04012 | Endangered | Threatened | FP  | - | 3311675 | PALM SPRINGS   | Mapped and Unprocessed | Animals - Mammals - Bovidae - Ovis canadensis nelsoni pop. 2 |
| Animals - Mammals | Ovis canadensis nelsoni pop. 2 | Peninsular bighorn sheep DPS       | AMALE04012 | Endangered | Threatened | FP  | - | 3311674 | CATHEDRAL CITY | Unprocessed            | Animals - Mammals - Bovidae - Ovis canadensis nelsoni pop. 2 |
| Animals - Mammals | Ovis canadensis nelsoni pop. 2 | Peninsular bighorn sheep DPS       | AMALE04012 | Endangered | Threatened | FP  | - | 3311663 | LA QUINTA      | Unprocessed            | Animals - Mammals - Bovidae - Ovis canadensis nelsoni pop. 2 |
| Animals - Mammals | Ovis canadensis nelsoni pop. 2 | Peninsular bighorn sheep DPS       | AMALE04012 | Endangered | Threatened | FP  | - | 3311664 | RANCHO MIRAGE  | Mapped and Unprocessed | Animals - Mammals - Bovidae - Ovis canadensis nelsoni pop. 2 |
| Animals - Mammals | Ovis canadensis nelsoni pop. 2 | Peninsular bighorn sheep DPS       | AMALE04012 | Endangered | Threatened | FP  | - | 3311665 | PALM VIEW PEAK | Unprocessed            | Animals - Mammals - Bovidae - Ovis canadensis nelsoni pop. 2 |
| Animals - Mammals | Ovis canadensis nelsoni pop. 2 | Peninsular bighorn sheep DPS       | AMALE04012 | Endangered | Threatened | FP  | - | 3311654 | TORO PEAK      | Mapped and Unprocessed | Animals - Mammals - Bovidae - Ovis canadensis nelsoni pop. 2 |
| Animals - Mammals | Ovis canadensis nelsoni pop. 2 | Peninsular bighorn sheep DPS       | AMALE04012 | Endangered | Threatened | FP  | - | 3311653 | MARTINEZ MTN.  | Mapped and Unprocessed | Animals - Mammals - Bovidae - Ovis canadensis nelsoni pop. 2 |
| Animals - Mammals | Neotoma albigula venusta       | Colorado Valley woodrat            | AMAFF08031 | None       | None       | -   | - | 3311654 | TORO PEAK      | Mapped                 | Animals - Mammals - Cricetidae - Neotoma albigula venusta    |
| Animals - Mammals | Neotoma albigula venusta       | Colorado Valley woodrat            | AMAFF08031 | None       | None       | -   | - | 3311664 | RANCHO MIRAGE  | Mapped                 | Animals - Mammals - Cricetidae - Neotoma albigula venusta    |
| Animals - Mammals | Neotoma lepida intermedia      | San Diego desert woodrat           | AMAFF08041 | None       | None       | SSC | - | 3311663 | LA QUINTA      | Unprocessed            | Animals - Mammals - Cricetidae - Neotoma lepida intermedia   |
| Animals - Mammals | Neotoma lepida intermedia      | San Diego desert woodrat           | AMAFF08041 | None       | None       | SSC | - | 3311673 | MYOMA          | Mapped and Unprocessed | Animals - Mammals -                                          |

|                      |                                           |                                           |            |      |      |     |   |         |                   |                           |                                                                                       |
|----------------------|-------------------------------------------|-------------------------------------------|------------|------|------|-----|---|---------|-------------------|---------------------------|---------------------------------------------------------------------------------------|
|                      |                                           |                                           |            |      |      |     |   |         |                   |                           | Cricetidae -<br>Neotoma lepida<br>intermedia                                          |
| Animals -<br>Mammals | Neotoma lepida<br>intermedia              | San Diego<br>desert woodrat               | AMAFF08041 | None | None | SSC | - | 3311675 | PALM<br>SPRINGS   | Mapped and<br>Unprocessed | Animals -<br>Mammals -<br>Cricetidae -<br>Neotoma lepida<br>intermedia                |
| Animals -<br>Mammals | Lynx rufus<br>pallescens                  | pallid bobcat                             | AMAJH03022 | None | None | -   | - | 3311655 | BUTTERFLY<br>PEAK | Unprocessed               | Animals -<br>Mammals -<br>Felidae - Lynx<br>rufus pallescens                          |
| Animals -<br>Mammals | Chaetodipus<br>californicus<br>femorialis | Dulzura pocket<br>mouse                   | AMAFD05021 | None | None | SSC | - | 3311653 | MARTINEZ<br>MTN.  | Unprocessed               | Animals -<br>Mammals -<br>Heteromyidae -<br>Chaetodipus<br>californicus<br>femorialis |
| Animals -<br>Mammals | Chaetodipus<br>fallax fallax              | northwestern<br>San Diego<br>pocket mouse | AMAFD05031 | None | None | SSC | - | 3311653 | MARTINEZ<br>MTN.  | Unprocessed               | Animals -<br>Mammals -<br>Heteromyidae -<br>Chaetodipus<br>fallax fallax              |
| Animals -<br>Mammals | Chaetodipus<br>fallax fallax              | northwestern<br>San Diego<br>pocket mouse | AMAFD05031 | None | None | SSC | - | 3311655 | BUTTERFLY<br>PEAK | Unprocessed               | Animals -<br>Mammals -<br>Heteromyidae -<br>Chaetodipus<br>fallax fallax              |
| Animals -<br>Mammals | Chaetodipus<br>fallax fallax              | northwestern<br>San Diego<br>pocket mouse | AMAFD05031 | None | None | SSC | - | 3311675 | PALM<br>SPRINGS   | Unprocessed               | Animals -<br>Mammals -<br>Heteromyidae -<br>Chaetodipus<br>fallax fallax              |
| Animals -<br>Mammals | Chaetodipus<br>fallax pallidus            | pallid San Diego<br>pocket mouse          | AMAFD05032 | None | None | SSC | - | 3311675 | PALM<br>SPRINGS   | Mapped and<br>Unprocessed | Animals -<br>Mammals -<br>Heteromyidae -<br>Chaetodipus<br>fallax pallidus            |
| Animals -<br>Mammals | Chaetodipus<br>fallax pallidus            | pallid San Diego<br>pocket mouse          | AMAFD05032 | None | None | SSC | - | 3311673 | MYOMA             | Mapped                    | Animals -<br>Mammals -<br>Heteromyidae -<br>Chaetodipus<br>fallax pallidus            |
| Animals -<br>Mammals | Chaetodipus<br>fallax pallidus            | pallid San Diego<br>pocket mouse          | AMAFD05032 | None | None | SSC | - | 3311663 | LA QUINTA         | Mapped                    | Animals -<br>Mammals -<br>Heteromyidae -<br>Chaetodipus<br>fallax pallidus            |
| Animals -<br>Mammals | Chaetodipus<br>fallax pallidus            | pallid San Diego<br>pocket mouse          | AMAFD05032 | None | None | SSC | - | 3311664 | RANCHO<br>MIRAGE  | Mapped and<br>Unprocessed | Animals -<br>Mammals -<br>Heteromyidae -<br>Chaetodipus<br>fallax pallidus            |
| Animals -<br>Mammals | Chaetodipus<br>fallax pallidus            | pallid San Diego<br>pocket mouse          | AMAFD05032 | None | None | SSC | - | 3311665 | PALM VIEW<br>PEAK | Mapped and<br>Unprocessed | Animals -<br>Mammals -<br>Heteromyidae -<br>Chaetodipus<br>fallax pallidus            |

|                   |                                 |                                  |            |      |      |     |   |         |                |                        |                                                                    |
|-------------------|---------------------------------|----------------------------------|------------|------|------|-----|---|---------|----------------|------------------------|--------------------------------------------------------------------|
| Animals - Mammals | Chaetodipus fallax pallidus     | pallid San Diego pocket mouse    | AMAFD05032 | None | None | SSC | - | 3311653 | MARTINEZ MTN.  | Mapped                 | Animals - Mammals - Heteromyidae · Chaetodipus fallax pallidus     |
| Animals - Mammals | Chaetodipus fallax pallidus     | pallid San Diego pocket mouse    | AMAFD05032 | None | None | SSC | - | 3311654 | TORO PEAK      | Mapped and Unprocessed | Animals - Mammals - Heteromyidae · Chaetodipus fallax pallidus     |
| Animals - Mammals | Dipodomys merriami collinus     | Earthquake Merriams kangaroo rat | AMAFD03144 | None | None | -   | - | 3311654 | TORO PEAK      | Unprocessed            | Animals - Mammals - Heteromyidae · Dipodomys merriami collinus     |
| Animals - Mammals | Dipodomys merriami collinus     | Earthquake Merriams kangaroo rat | AMAFD03144 | None | None | -   | - | 3311663 | LA QUINTA      | Unprocessed            | Animals - Mammals - Heteromyidae · Dipodomys merriami collinus     |
| Animals - Mammals | Dipodomys merriami collinus     | Earthquake Merriams kangaroo rat | AMAFD03144 | None | None | -   | - | 3311673 | MYOMA          | Mapped and Unprocessed | Animals - Mammals - Heteromyidae · Dipodomys merriami collinus     |
| Animals - Mammals | Dipodomys merriami collinus     | Earthquake Merriams kangaroo rat | AMAFD03144 | None | None | -   | - | 3311675 | PALM SPRINGS   | Unprocessed            | Animals - Mammals - Heteromyidae · Dipodomys merriami collinus     |
| Animals - Mammals | Dipodomys simulans              | Dulzura kangaroo rat             | AMAFD03170 | None | None | -   | - | 3311675 | PALM SPRINGS   | Unprocessed            | Animals - Mammals - Heteromyidae · Dipodomys simulans              |
| Animals - Mammals | Perognathus longimembris bangsi | Palm Springs pocket mouse        | AMAFD01043 | None | None | SSC | - | 3311675 | PALM SPRINGS   | Unprocessed            | Animals - Mammals - Heteromyidae · Perognathus longimembris bangsi |
| Animals - Mammals | Perognathus longimembris bangsi | Palm Springs pocket mouse        | AMAFD01043 | None | None | SSC | - | 3311673 | MYOMA          | Mapped and Unprocessed | Animals - Mammals - Heteromyidae · Perognathus longimembris bangsi |
| Animals - Mammals | Perognathus longimembris bangsi | Palm Springs pocket mouse        | AMAFD01043 | None | None | SSC | - | 3311674 | CATHEDRAL CITY | Unprocessed            | Animals - Mammals - Heteromyidae · Perognathus longimembris bangsi |
| Animals - Mammals | Perognathus longimembris bangsi | Palm Springs pocket mouse        | AMAFD01043 | None | None | SSC | - | 3311663 | LA QUINTA      | Unprocessed            | Animals - Mammals - Heteromyidae · Perognathus                     |

|                   |                                     |                                   |            |      |      |     |   |         |                |                        |                                                                        |
|-------------------|-------------------------------------|-----------------------------------|------------|------|------|-----|---|---------|----------------|------------------------|------------------------------------------------------------------------|
|                   |                                     |                                   |            |      |      |     |   |         |                |                        | longimembris bangsi                                                    |
| Animals - Mammals | Perognathus longimembris bangsi     | Palm Springs pocket mouse         | AMAFD01043 | None | None | SSC | - | 3311654 | TORO PEAK      | Mapped                 | Animals - Mammals - Heteromyidae - Perognathus longimembris bangsi     |
| Animals - Mammals | Perognathus longimembris brevinasus | Los Angeles pocket mouse          | AMAFD01041 | None | None | SSC | - | 3311654 | TORO PEAK      | Mapped                 | Animals - Mammals - Heteromyidae - Perognathus longimembris brevinasus |
| Animals - Mammals | Perognathus longimembris brevinasus | Los Angeles pocket mouse          | AMAFD01041 | None | None | SSC | - | 3311655 | BUTTERFLY PEAK | Unprocessed            | Animals - Mammals - Heteromyidae - Perognathus longimembris brevinasus |
| Animals - Mammals | Perognathus longimembris brevinasus | Los Angeles pocket mouse          | AMAFD01041 | None | None | SSC | - | 3311665 | PALM VIEW PEAK | Mapped                 | Animals - Mammals - Heteromyidae - Perognathus longimembris brevinasus |
| Animals - Mammals | Perognathus longimembris brevinasus | Los Angeles pocket mouse          | AMAFD01041 | None | None | SSC | - | 3311673 | MYOMA          | Unprocessed            | Animals - Mammals - Heteromyidae - Perognathus longimembris brevinasus |
| Animals - Mammals | Lepus californicus bennettii        | San Diego black-tailed jackrabbit | AMAEB03051 | None | None | -   | - | 3311665 | PALM VIEW PEAK | Unprocessed            | Animals - Mammals - Leporidae - Lepus californicus bennettii           |
| Animals - Mammals | Eumops perotis californicus         | western mastiff bat               | AMACD02011 | None | None | SSC | - | 3311653 | MARTINEZ MTN.  | Unprocessed            | Animals - Mammals - Molossidae - Eumops perotis californicus           |
| Animals - Mammals | Nyctinomops femorosaccus            | pocketed free-tailed bat          | AMACD04010 | None | None | SSC | - | 3311653 | MARTINEZ MTN.  | Unprocessed            | Animals - Mammals - Molossidae - Nyctinomops femorosaccus              |
| Animals - Mammals | Nyctinomops femorosaccus            | pocketed free-tailed bat          | AMACD04010 | None | None | SSC | - | 3311663 | LA QUINTA      | Mapped                 | Animals - Mammals - Molossidae - Nyctinomops femorosaccus              |
| Animals - Mammals | Nyctinomops femorosaccus            | pocketed free-tailed bat          | AMACD04010 | None | None | SSC | - | 3311675 | PALM SPRINGS   | Mapped and Unprocessed | Animals - Mammals - Molossidae - Nyctinomops femorosaccus              |

|                   |                                       |                                           |            |      |      |     |   |         |                |                        |                                                                       |
|-------------------|---------------------------------------|-------------------------------------------|------------|------|------|-----|---|---------|----------------|------------------------|-----------------------------------------------------------------------|
| Animals - Mammals | Nyctinomops macrotis                  | big free-tailed bat                       | AMACD04020 | None | None | SSC | - | 3311675 | PALM SPRINGS   | Mapped                 | Animals - Mammals - Molossidae - Nyctinomops macrotis                 |
| Animals - Mammals | Taxidea taxus                         | American badger                           | AMAJF04010 | None | None | SSC | - | 3311654 | TORO PEAK      | Unprocessed            | Animals - Mammals - Mustelidae - Taxidea taxus                        |
| Animals - Mammals | Bassariscus astutus octavus           | southern California ringtail              | AMAJE01011 | None | None | FP  | - | 3311653 | MARTINEZ MTN.  | Unprocessed            | Animals - Mammals - Procyonidae - Bassariscus astutus octavus         |
| Animals - Mammals | Bassariscus astutus octavus           | southern California ringtail              | AMAJE01011 | None | None | FP  | - | 3311665 | PALM VIEW PEAK | Unprocessed            | Animals - Mammals - Procyonidae - Bassariscus astutus octavus         |
| Animals - Mammals | Bassariscus astutus octavus           | southern California ringtail              | AMAJE01011 | None | None | FP  | - | 3311664 | RANCHO MIRAGE  | Unprocessed            | Animals - Mammals - Procyonidae - Bassariscus astutus octavus         |
| Animals - Mammals | Xerospermophilus tereticaudus chlorus | Palm Springs round-tailed ground squirrel | AMAFB05161 | None | None | SSC | - | 3311663 | LA QUINTA      | Mapped and Unprocessed | Animals - Mammals - Sciuridae - Xerospermophilus tereticaudus chlorus |
| Animals - Mammals | Xerospermophilus tereticaudus chlorus | Palm Springs round-tailed ground squirrel | AMAFB05161 | None | None | SSC | - | 3311675 | PALM SPRINGS   | Mapped and Unprocessed | Animals - Mammals - Sciuridae - Xerospermophilus tereticaudus chlorus |
| Animals - Mammals | Xerospermophilus tereticaudus chlorus | Palm Springs round-tailed ground squirrel | AMAFB05161 | None | None | SSC | - | 3311673 | MYOMA          | Unprocessed            | Animals - Mammals - Sciuridae - Xerospermophilus tereticaudus chlorus |
| Animals - Mammals | Xerospermophilus tereticaudus chlorus | Palm Springs round-tailed ground squirrel | AMAFB05161 | None | None | SSC | - | 3311674 | CATHEDRAL CITY | Mapped and Unprocessed | Animals - Mammals - Sciuridae - Xerospermophilus tereticaudus chlorus |
| Animals - Mammals | Antrozous pallidus                    | pallid bat                                | AMACC10010 | None | None | SSC | - | 3311663 | LA QUINTA      | Unprocessed            | Animals - Mammals - Vespertilionidae - Antrozous pallidus             |
| Animals - Mammals | Antrozous pallidus                    | pallid bat                                | AMACC10010 | None | None | SSC | - | 3311653 | MARTINEZ MTN.  | Unprocessed            | Animals - Mammals - Vespertilionidae - Antrozous pallidus             |
| Animals - Mammals | Corynorhinus townsendii               | Townsend's big-eared bat                  | AMACC08010 | None | None | SSC | - | 3311665 | PALM VIEW PEAK | Mapped                 | Animals - Mammals -                                                   |

|                    |                               |                                    |            |      |      |     |   |         |                |             |                                                             |
|--------------------|-------------------------------|------------------------------------|------------|------|------|-----|---|---------|----------------|-------------|-------------------------------------------------------------|
|                    |                               |                                    |            |      |      |     |   |         |                |             | Vespertilionidae<br>Corynorhinus townsendii                 |
| Animals - Mammals  | Lasiurus xanthinus            | western yellow bat                 | AMACC05070 | None | None | SSC | - | 3311664 | RANCHO MIRAGE  | Mapped      | Animals - Mammals - Vespertilionidae<br>Lasiurus xanthinus  |
| Animals - Mammals  | Lasiurus xanthinus            | western yellow bat                 | AMACC05070 | None | None | SSC | - | 3311663 | LA QUINTA      | Mapped      | Animals - Mammals - Vespertilionidae<br>Lasiurus xanthinus  |
| Animals - Mammals  | Lasiurus xanthinus            | western yellow bat                 | AMACC05070 | None | None | SSC | - | 3311674 | CATHEDRAL CITY | Mapped      | Animals - Mammals - Vespertilionidae<br>Lasiurus xanthinus  |
| Animals - Mammals  | Lasiurus xanthinus            | western yellow bat                 | AMACC05070 | None | None | SSC | - | 3311673 | MYOMA          | Unprocessed | Animals - Mammals - Vespertilionidae<br>Lasiurus xanthinus  |
| Animals - Mammals  | Lasiurus xanthinus            | western yellow bat                 | AMACC05070 | None | None | SSC | - | 3311675 | PALM SPRINGS   | Mapped      | Animals - Mammals - Vespertilionidae<br>Lasiurus xanthinus  |
| Animals - Mammals  | Lasiurus xanthinus            | western yellow bat                 | AMACC05070 | None | None | SSC | - | 3311653 | MARTINEZ MTN.  | Unprocessed | Animals - Mammals - Vespertilionidae<br>Lasiurus xanthinus  |
| Animals - Reptiles | Anniella stebbinsi            | Southern California legless lizard | ARACC01060 | None | None | SSC | - | 3311654 | TORO PEAK      | Mapped      | Animals - Rept - Anniellidae - Anniella stebbinsi           |
| Animals - Reptiles | Arizona elegans occidentalis  | California glossy snake            | ARADB01017 | None | None | SSC | - | 3311675 | PALM SPRINGS   | Unprocessed | Animals - Rept - Colubridae - Arizona elegans occidentalis  |
| Animals - Reptiles | Salvadora hexalepis virgultea | coast patch-nosed snake            | ARADB30033 | None | None | SSC | - | 3311654 | TORO PEAK      | Unprocessed | Animals - Rept - Colubridae - Salvadora hexalepis virgultea |
| Animals - Reptiles | Salvadora hexalepis virgultea | coast patch-nosed snake            | ARADB30033 | None | None | SSC | - | 3311655 | BUTTERFLY PEAK | Unprocessed | Animals - Rept - Colubridae - Salvadora hexalepis virgultea |
| Animals - Reptiles | Coleonyx variegatus abbotti   | San Diego banded gecko             | ARACD01031 | None | None | SSC | - | 3311675 | PALM SPRINGS   | Unprocessed | Animals - Rept - Gekkonidae - Coleonyx variegatus abbotti   |
| Animals - Reptiles | Thamnophis hammondi           | two-striped gartersnake            | ARADB36160 | None | None | SSC | - | 3311675 | PALM SPRINGS   | Unprocessed | Animals - Rept - Natricidae - Thamnophis hammondi           |

|                    |                        |                                     |            |            |            |     |   |         |                |                        |                                                         |
|--------------------|------------------------|-------------------------------------|------------|------------|------------|-----|---|---------|----------------|------------------------|---------------------------------------------------------|
| Animals - Reptiles | Thamnophis hammondi    | two-striped gartersnake             | ARADB36160 | None       | None       | SSC | - | 3311665 | PALM VIEW PEAK | Unprocessed            | Animals - Rept - Natricidae - Thamnophis hammondi       |
| Animals - Reptiles | Thamnophis hammondi    | two-striped gartersnake             | ARADB36160 | None       | None       | SSC | - | 3311655 | BUTTERFLY PEAK | Unprocessed            | Animals - Rept - Natricidae - Thamnophis hammondi       |
| Animals - Reptiles | Phrynosoma blainvillii | coast horned lizard                 | ARACF12100 | None       | None       | SSC | - | 3311655 | BUTTERFLY PEAK | Mapped and Unprocessed | Animals - Rept - Phrynosomatid - Phrynosoma blainvillii |
| Animals - Reptiles | Phrynosoma blainvillii | coast horned lizard                 | ARACF12100 | None       | None       | SSC | - | 3311654 | TORO PEAK      | Mapped and Unprocessed | Animals - Rept - Phrynosomatid - Phrynosoma blainvillii |
| Animals - Reptiles | Phrynosoma blainvillii | coast horned lizard                 | ARACF12100 | None       | None       | SSC | - | 3311665 | PALM VIEW PEAK | Mapped and Unprocessed | Animals - Rept - Phrynosomatid - Phrynosoma blainvillii |
| Animals - Reptiles | Phrynosoma blainvillii | coast horned lizard                 | ARACF12100 | None       | None       | SSC | - | 3311675 | PALM SPRINGS   | Unprocessed            | Animals - Rept - Phrynosomatid - Phrynosoma blainvillii |
| Animals - Reptiles | Phrynosoma mcallii     | flat-tailed horned lizard           | ARACF12040 | None       | None       | SSC | - | 3311675 | PALM SPRINGS   | Mapped and Unprocessed | Animals - Rept - Phrynosomatid - Phrynosoma mcallii     |
| Animals - Reptiles | Phrynosoma mcallii     | flat-tailed horned lizard           | ARACF12040 | None       | None       | SSC | - | 3311673 | MYOMA          | Mapped and Unprocessed | Animals - Rept - Phrynosomatid - Phrynosoma mcallii     |
| Animals - Reptiles | Phrynosoma mcallii     | flat-tailed horned lizard           | ARACF12040 | None       | None       | SSC | - | 3311674 | CATHEDRAL CITY | Mapped and Unprocessed | Animals - Rept - Phrynosomatid - Phrynosoma mcallii     |
| Animals - Reptiles | Phrynosoma mcallii     | flat-tailed horned lizard           | ARACF12040 | None       | None       | SSC | - | 3311664 | RANCHO MIRAGE  | Mapped and Unprocessed | Animals - Rept - Phrynosomatid - Phrynosoma mcallii     |
| Animals - Reptiles | Phrynosoma mcallii     | flat-tailed horned lizard           | ARACF12040 | None       | None       | SSC | - | 3311663 | LA QUINTA      | Mapped and Unprocessed | Animals - Rept - Phrynosomatid - Phrynosoma mcallii     |
| Animals - Reptiles | Uma inornata           | Coachella Valley fringe-toed lizard | ARACF15010 | Threatened | Endangered | -   | - | 3311663 | LA QUINTA      | Mapped and Unprocessed | Animals - Rept - Phrynosomatid - Uma inornata           |

|                    |                                |                                     |            |            |            |     |   |         |                |                        |                                                           |
|--------------------|--------------------------------|-------------------------------------|------------|------------|------------|-----|---|---------|----------------|------------------------|-----------------------------------------------------------|
| Animals - Reptiles | Uma inornata                   | Coachella Valley fringe-toed lizard | ARACF15010 | Threatened | Endangered | -   | - | 3311664 | RANCHO MIRAGE  | Mapped and Unprocessed | Animals - Rept - Phrynosomatid - Uma inornata             |
| Animals - Reptiles | Uma inornata                   | Coachella Valley fringe-toed lizard | ARACF15010 | Threatened | Endangered | -   | - | 3311674 | CATHEDRAL CITY | Mapped and Unprocessed | Animals - Rept - Phrynosomatid - Uma inornata             |
| Animals - Reptiles | Uma inornata                   | Coachella Valley fringe-toed lizard | ARACF15010 | Threatened | Endangered | -   | - | 3311673 | MYOMA          | Mapped and Unprocessed | Animals - Rept - Phrynosomatid - Uma inornata             |
| Animals - Reptiles | Uma inornata                   | Coachella Valley fringe-toed lizard | ARACF15010 | Threatened | Endangered | -   | - | 3311675 | PALM SPRINGS   | Mapped and Unprocessed | Animals - Rept - Phrynosomatid - Uma inornata             |
| Animals - Reptiles | Uma inornata                   | Coachella Valley fringe-toed lizard | ARACF15010 | Threatened | Endangered | -   | - | 3311653 | MARTINEZ MTN.  | Mapped and Unprocessed | Animals - Rept - Phrynosomatid - Uma inornata             |
| Animals - Reptiles | Aspidoscelis tigris stejnegeri | coastal whiptail                    | ARACJ02143 | None       | None       | SSC | - | 3311654 | TORO PEAK      | Unprocessed            | Animals - Rept - Teiidae - Aspidoscelis tigris stejnegeri |
| Animals - Reptiles | Aspidoscelis tigris stejnegeri | coastal whiptail                    | ARACJ02143 | None       | None       | SSC | - | 3311655 | BUTTERFLY PEAK | Unprocessed            | Animals - Rept - Teiidae - Aspidoscelis tigris stejnegeri |
| Animals - Reptiles | Aspidoscelis tigris stejnegeri | coastal whiptail                    | ARACJ02143 | None       | None       | SSC | - | 3311675 | PALM SPRINGS   | Unprocessed            | Animals - Rept - Teiidae - Aspidoscelis tigris stejnegeri |
| Animals - Reptiles | Aspidoscelis tigris stejnegeri | coastal whiptail                    | ARACJ02143 | None       | None       | SSC | - | 3311673 | MYOMA          | Unprocessed            | Animals - Rept - Teiidae - Aspidoscelis tigris stejnegeri |
| Animals - Reptiles | Aspidoscelis tigris stejnegeri | coastal whiptail                    | ARACJ02143 | None       | None       | SSC | - | 3311665 | PALM VIEW PEAK | Unprocessed            | Animals - Rept - Teiidae - Aspidoscelis tigris stejnegeri |
| Animals - Reptiles | Gopherus agassizii             | desert tortoise                     | ARAAF01012 | Threatened | Threatened | -   | - | 3311664 | RANCHO MIRAGE  | Mapped and Unprocessed | Animals - Rept - Testudinidae - Gopherus agassizii        |
| Animals - Reptiles | Gopherus agassizii             | desert tortoise                     | ARAAF01012 | Threatened | Threatened | -   | - | 3311663 | LA QUINTA      | Unprocessed            | Animals - Rept - Testudinidae - Gopherus agassizii        |
| Animals - Reptiles | Gopherus agassizii             | desert tortoise                     | ARAAF01012 | Threatened | Threatened | -   | - | 3311673 | MYOMA          | Unprocessed            | Animals - Rept - Testudinidae - Gopherus agassizii        |
| Animals - Reptiles | Gopherus agassizii             | desert tortoise                     | ARAAF01012 | Threatened | Threatened | -   | - | 3311675 | PALM SPRINGS   | Unprocessed            | Animals - Rept - Testudinidae - Gopherus agassizii        |

|                         |                                |                                |            |      |      |     |   |         |                |                        |                                                        |
|-------------------------|--------------------------------|--------------------------------|------------|------|------|-----|---|---------|----------------|------------------------|--------------------------------------------------------|
| Animals - Reptiles      | Crotalus ruber                 | red-diamond rattlesnake        | ARADE02090 | None | None | SSC | - | 3311675 | PALM SPRINGS   | Mapped and Unprocessed | Animals - Rept - Viperidae - Crotalus ruber            |
| Animals - Reptiles      | Crotalus ruber                 | red-diamond rattlesnake        | ARADE02090 | None | None | SSC | - | 3311674 | CATHEDRAL CITY | Unprocessed            | Animals - Rept - Viperidae - Crotalus ruber            |
| Animals - Reptiles      | Crotalus ruber                 | red-diamond rattlesnake        | ARADE02090 | None | None | SSC | - | 3311673 | MYOMA          | Unprocessed            | Animals - Rept - Viperidae - Crotalus ruber            |
| Animals - Reptiles      | Crotalus ruber                 | red-diamond rattlesnake        | ARADE02090 | None | None | SSC | - | 3311663 | LA QUINTA      | Mapped and Unprocessed | Animals - Rept - Viperidae - Crotalus ruber            |
| Animals - Reptiles      | Crotalus ruber                 | red-diamond rattlesnake        | ARADE02090 | None | None | SSC | - | 3311664 | RANCHO MIRAGE  | Mapped and Unprocessed | Animals - Rept - Viperidae - Crotalus ruber            |
| Animals - Reptiles      | Crotalus ruber                 | red-diamond rattlesnake        | ARADE02090 | None | None | SSC | - | 3311665 | PALM VIEW PEAK | Mapped and Unprocessed | Animals - Rept - Viperidae - Crotalus ruber            |
| Animals - Reptiles      | Crotalus ruber                 | red-diamond rattlesnake        | ARADE02090 | None | None | SSC | - | 3311654 | TORO PEAK      | Unprocessed            | Animals - Rept - Viperidae - Crotalus ruber            |
| Community - Terrestrial | Desert Fan Palm Oasis Woodland | Desert Fan Palm Oasis Woodland | CTT62300CA | None | None | -   | - | 3311654 | TORO PEAK      | Mapped                 | Community - Terrestrial - Desert Fan Pal Oasis Woodlan |
| Community - Terrestrial | Desert Fan Palm Oasis Woodland | Desert Fan Palm Oasis Woodland | CTT62300CA | None | None | -   | - | 3311653 | MARTINEZ MTN.  | Mapped                 | Community - Terrestrial - Desert Fan Pal Oasis Woodlan |
| Community - Terrestrial | Desert Fan Palm Oasis Woodland | Desert Fan Palm Oasis Woodland | CTT62300CA | None | None | -   | - | 3311665 | PALM VIEW PEAK | Mapped                 | Community - Terrestrial - Desert Fan Pal Oasis Woodlan |
| Community - Terrestrial | Desert Fan Palm Oasis Woodland | Desert Fan Palm Oasis Woodland | CTT62300CA | None | None | -   | - | 3311664 | RANCHO MIRAGE  | Mapped                 | Community - Terrestrial - Desert Fan Pal Oasis Woodlan |
| Community - Terrestrial | Desert Fan Palm Oasis Woodland | Desert Fan Palm Oasis Woodland | CTT62300CA | None | None | -   | - | 3311663 | LA QUINTA      | Mapped                 | Community - Terrestrial - Desert Fan Pal Oasis Woodlan |
| Community - Terrestrial | Desert Fan Palm Oasis Woodland | Desert Fan Palm Oasis Woodland | CTT62300CA | None | None | -   | - | 3311673 | MYOMA          | Mapped                 | Community - Terrestrial - Desert Fan Pal Oasis Woodlan |
| Community - Terrestrial | Desert Fan Palm Oasis Woodland | Desert Fan Palm Oasis Woodland | CTT62300CA | None | None | -   | - | 3311674 | CATHEDRAL CITY | Mapped                 | Community - Terrestrial - Desert Fan Pal Oasis Woodlan |
| Community - Terrestrial | Desert Fan Palm Oasis Woodland | Desert Fan Palm Oasis Woodland | CTT62300CA | None | None | -   | - | 3311675 | PALM SPRINGS   | Mapped                 | Community - Terrestrial - Desert Fan Pal Oasis Woodlan |
| Community - Terrestrial | Southern Riparian Forest       | Southern Riparian Forest       | CTT61300CA | None | None | -   | - | 3311675 | PALM SPRINGS   | Mapped                 | Community - Terrestrial - Southern Ripar Forest        |

|                     |                        |                          |            |      |            |   |      |         |                |                        |                                                         |
|---------------------|------------------------|--------------------------|------------|------|------------|---|------|---------|----------------|------------------------|---------------------------------------------------------|
| Plants - Bryophytes | Jaffueliobryum raui    | Raus jaffueliobryum moss | NBMUS97010 | None | None       | - | 2B.3 | 3311653 | MARTINEZ MTN.  | Mapped                 | Plants - Bryophytes - Grimmiaceae - Jaffueliobryum raui |
| Plants - Bryophytes | Jaffueliobryum raui    | Raus jaffueliobryum moss | NBMUS97010 | None | None       | - | 2B.3 | 3311655 | BUTTERFLY PEAK | Mapped                 | Plants - Bryophytes - Grimmiaceae - Jaffueliobryum raui |
| Plants - Vascular   | Funastrum crispum      | wavyleaf twinvine        | PDASC0F020 | None | None       | - | 2B.2 | 3311654 | TORO PEAK      | Mapped and Unprocessed | Plants - Vascular - Apocynaceae - Funastrum crispum     |
| Plants - Vascular   | Funastrum crispum      | wavyleaf twinvine        | PDASC0F020 | None | None       | - | 2B.2 | 3311653 | MARTINEZ MTN.  | Mapped                 | Plants - Vascular - Apocynaceae - Funastrum crispum     |
| Plants - Vascular   | Matelea parvifolia     | spear-leaf matelea       | PDASC0A0J0 | None | None       | - | 2B.3 | 3311654 | TORO PEAK      | Mapped                 | Plants - Vascular - Apocynaceae - Matelea parvifolia    |
| Plants - Vascular   | Matelea parvifolia     | spear-leaf matelea       | PDASC0A0J0 | None | None       | - | 2B.3 | 3311655 | BUTTERFLY PEAK | Mapped                 | Plants - Vascular - Apocynaceae - Matelea parvifolia    |
| Plants - Vascular   | Matelea parvifolia     | spear-leaf matelea       | PDASC0A0J0 | None | None       | - | 2B.3 | 3311663 | LA QUINTA      | Mapped                 | Plants - Vascular - Apocynaceae - Matelea parvifolia    |
| Plants - Vascular   | Matelea parvifolia     | spear-leaf matelea       | PDASC0A0J0 | None | None       | - | 2B.3 | 3311664 | RANCHO MIRAGE  | Mapped                 | Plants - Vascular - Apocynaceae - Matelea parvifolia    |
| Plants - Vascular   | Almutaster pauciflorus | alkali marsh aster       | PDASTEL010 | None | None       | - | 2B.2 | 3311665 | PALM VIEW PEAK | Mapped                 | Plants - Vascular - Asteraceae - Almutaster pauciflorus |
| Plants - Vascular   | Almutaster pauciflorus | alkali marsh aster       | PDASTEL010 | None | None       | - | 2B.2 | 3311675 | PALM SPRINGS   | Mapped                 | Plants - Vascular - Asteraceae - Almutaster pauciflorus |
| Plants - Vascular   | Ambrosia monogyra      | singlewhorl burrobrush   | PDAST50010 | None | None       | - | 2B.2 | 3311675 | PALM SPRINGS   | Mapped                 | Plants - Vascular - Asteraceae - Ambrosia monogyra      |
| Plants - Vascular   | Chaenactis parishii    | Parish's chaenactis      | PDAST200D0 | None | None       | - | 1B.3 | 3311655 | BUTTERFLY PEAK | Mapped and Unprocessed | Plants - Vascular - Asteraceae - Chaenactis parishii    |
| Plants - Vascular   | Chaenactis parishii    | Parish's chaenactis      | PDAST200D0 | None | None       | - | 1B.3 | 3311654 | TORO PEAK      | Mapped                 | Plants - Vascular - Asteraceae - Chaenactis parishii    |
| Plants - Vascular   | Chaenactis parishii    | Parish's chaenactis      | PDAST200D0 | None | None       | - | 1B.3 | 3311665 | PALM VIEW PEAK | Mapped and Unprocessed | Plants - Vascular - Asteraceae - Chaenactis parishii    |
| Plants - Vascular   | Deinandra mohavensis   | Mojave tarplant          | PDAST4R0K0 | None | Endangered | - | 1B.3 | 3311665 | PALM VIEW PEAK | Mapped and Unprocessed | Plants - Vascular - Asteraceae -                        |

|                   |                                  |                          |            |      |      |   |      |         |                |             |                                                                       |
|-------------------|----------------------------------|--------------------------|------------|------|------|---|------|---------|----------------|-------------|-----------------------------------------------------------------------|
|                   |                                  |                          |            |      |      |   |      |         |                |             | Deinandra mohavensis                                                  |
| Plants - Vascular | Dieteria canescens var. ziegleri | Zieglers aster           | PDAST640B2 | None | None | - | 1B.2 | 3311654 | TORO PEAK      | Mapped      | Plants - Vascular<br>Asteraceae -<br>Dieteria canescens var. ziegleri |
| Plants - Vascular | Dieteria canescens var. ziegleri | Zieglers aster           | PDAST640B2 | None | None | - | 1B.2 | 3311655 | BUTTERFLY PEAK | Mapped      | Plants - Vascular<br>Asteraceae -<br>Dieteria canescens var. ziegleri |
| Plants - Vascular | Hulsea vestita ssp. callicarpa   | beautiful hulsea         | PDAST4Z074 | None | None | - | 4.2  | 3311654 | TORO PEAK      | Unprocessed | Plants - Vascular<br>Asteraceae -<br>Hulsea vestita ssp. callicarpa   |
| Plants - Vascular | Hulsea vestita ssp. callicarpa   | beautiful hulsea         | PDAST4Z074 | None | None | - | 4.2  | 3311655 | BUTTERFLY PEAK | Unprocessed | Plants - Vascular<br>Asteraceae -<br>Hulsea vestita ssp. callicarpa   |
| Plants - Vascular | Hulsea vestita ssp. callicarpa   | beautiful hulsea         | PDAST4Z074 | None | None | - | 4.2  | 3311665 | PALM VIEW PEAK | Unprocessed | Plants - Vascular<br>Asteraceae -<br>Hulsea vestita ssp. callicarpa   |
| Plants - Vascular | Hulsea vestita ssp. callicarpa   | beautiful hulsea         | PDAST4Z074 | None | None | - | 4.2  | 3311675 | PALM SPRINGS   | Unprocessed | Plants - Vascular<br>Asteraceae -<br>Hulsea vestita ssp. callicarpa   |
| Plants - Vascular | Lasthenia glabrata ssp. coulteri | Coulters goldfields      | PDAST5L0A1 | None | None | - | 1B.1 | 3311655 | BUTTERFLY PEAK | Mapped      | Plants - Vascular<br>Asteraceae -<br>Lasthenia glabrata ssp. coulteri |
| Plants - Vascular | Pentachaeta aurea ssp. aurea     | golden-rayed pentachaeta | PDAST6X022 | None | None | - | 4.2  | 3311655 | BUTTERFLY PEAK | Unprocessed | Plants - Vascular<br>Asteraceae -<br>Pentachaeta aurea ssp. aurea     |
| Plants - Vascular | Pentachaeta aurea ssp. aurea     | golden-rayed pentachaeta | PDAST6X022 | None | None | - | 4.2  | 3311665 | PALM VIEW PEAK | Unprocessed | Plants - Vascular<br>Asteraceae -<br>Pentachaeta aurea ssp. aurea     |
| Plants - Vascular | Syntrichopappus lemmonii         | Lemmons syntrichopappus  | PDAST90020 | None | None | - | 4.3  | 3311665 | PALM VIEW PEAK | Unprocessed | Plants - Vascular<br>Asteraceae -<br>Syntrichopappus lemmonii         |
| Plants - Vascular | Xylorhiza cognata                | Mecca-aster              | PDASTA1010 | None | None | - | 1B.2 | 3311673 | MYOMA          | Mapped      | Plants - Vascular<br>Asteraceae -<br>Xylorhiza cognata                |
| Plants - Vascular | Xylorhiza cognata                | Mecca-aster              | PDASTA1010 | None | None | - | 1B.2 | 3311675 | PALM SPRINGS   | Mapped      | Plants - Vascular<br>Asteraceae -<br>Xylorhiza cognata                |
| Plants - Vascular | Johnstonella costata             | ribbed cryptantha        | PDBOR0A0M0 | None | None | - | 4.3  | 3311675 | PALM SPRINGS   | Unprocessed | Plants - Vascular<br>Boraginaceae -<br>Johnstonella costata           |
| Plants - Vascular | Johnstonella costata             | ribbed cryptantha        | PDBOR0A0M0 | None | None | - | 4.3  | 3311663 | LA QUINTA      | Unprocessed | Plants - Vascular<br>Boraginaceae -                                   |

|                   |                        |                     |            |      |      |   |      |         |                |                        |                                                            |
|-------------------|------------------------|---------------------|------------|------|------|---|------|---------|----------------|------------------------|------------------------------------------------------------|
|                   |                        |                     |            |      |      |   |      |         |                |                        | Johnstonella costata                                       |
| Plants - Vascular | Johnstonella costata   | ribbed cryptantha   | PDBOR0A0M0 | None | None | - | 4.3  | 3311665 | PALM VIEW PEAK | Unprocessed            | Plants - Vascular<br>Boraginaceae - Johnstonella costata   |
| Plants - Vascular | Johnstonella costata   | ribbed cryptantha   | PDBOR0A0M0 | None | None | - | 4.3  | 3311673 | MYOMA          | Unprocessed            | Plants - Vascular<br>Boraginaceae - Johnstonella costata   |
| Plants - Vascular | Johnstonella costata   | ribbed cryptantha   | PDBOR0A0M0 | None | None | - | 4.3  | 3311674 | CATHEDRAL CITY | Unprocessed            | Plants - Vascular<br>Boraginaceae - Johnstonella costata   |
| Plants - Vascular | Johnstonella costata   | ribbed cryptantha   | PDBOR0A0M0 | None | None | - | 4.3  | 3311653 | MARTINEZ MTN.  | Unprocessed            | Plants - Vascular<br>Boraginaceae - Johnstonella costata   |
| Plants - Vascular | Johnstonella holoptera | winged cryptantha   | PDBOR0A180 | None | None | - | 4.3  | 3311654 | TORO PEAK      | Unprocessed            | Plants - Vascular<br>Boraginaceae - Johnstonella holoptera |
| Plants - Vascular | Johnstonella holoptera | winged cryptantha   | PDBOR0A180 | None | None | - | 4.3  | 3311674 | CATHEDRAL CITY | Unprocessed            | Plants - Vascular<br>Boraginaceae - Johnstonella holoptera |
| Plants - Vascular | Johnstonella holoptera | winged cryptantha   | PDBOR0A180 | None | None | - | 4.3  | 3311664 | RANCHO MIRAGE  | Unprocessed            | Plants - Vascular<br>Boraginaceae - Johnstonella holoptera |
| Plants - Vascular | Johnstonella holoptera | winged cryptantha   | PDBOR0A180 | None | None | - | 4.3  | 3311663 | LA QUINTA      | Unprocessed            | Plants - Vascular<br>Boraginaceae - Johnstonella holoptera |
| Plants - Vascular | Johnstonella holoptera | winged cryptantha   | PDBOR0A180 | None | None | - | 4.3  | 3311675 | PALM SPRINGS   | Unprocessed            | Plants - Vascular<br>Boraginaceae - Johnstonella holoptera |
| Plants - Vascular | Boechera johnstonii    | Johnstons rockcress | PDBRA060Y0 | None | None | - | 1B.2 | 3311665 | PALM VIEW PEAK | Mapped and Unprocessed | Plants - Vascular<br>Brassicaceae - Boechera johnstonii    |
| Plants - Vascular | Boechera johnstonii    | Johnstons rockcress | PDBRA060Y0 | None | None | - | 1B.2 | 3311655 | BUTTERFLY PEAK | Mapped and Unprocessed | Plants - Vascular<br>Brassicaceae - Boechera johnstonii    |
| Plants - Vascular | Caulanthus simulans    | Paysons jewelflower | PDBRA0M0H0 | None | None | - | 4.2  | 3311655 | BUTTERFLY PEAK | Unprocessed            | Plants - Vascular<br>Brassicaceae - Caulanthus simulans    |
| Plants - Vascular | Caulanthus simulans    | Paysons jewelflower | PDBRA0M0H0 | None | None | - | 4.2  | 3311654 | TORO PEAK      | Mapped and Unprocessed | Plants - Vascular<br>Brassicaceae - Caulanthus simulans    |
| Plants - Vascular | Caulanthus simulans    | Paysons jewelflower | PDBRA0M0H0 | None | None | - | 4.2  | 3311665 | PALM VIEW PEAK | Unprocessed            | Plants - Vascular<br>Brassicaceae -                        |

|                   |                                     |                                |            |      |      |   |      |         |                |                        |                                                                                |
|-------------------|-------------------------------------|--------------------------------|------------|------|------|---|------|---------|----------------|------------------------|--------------------------------------------------------------------------------|
|                   |                                     |                                |            |      |      |   |      |         |                |                        | Caulanthus simulans                                                            |
| Plants - Vascular | Caulanthus simulans                 | Paysons jewelflower            | PDBRA0M0H0 | None | None | - | 4.2  | 3311675 | PALM SPRINGS   | Mapped                 | Plants - Vascular<br>Brassicaceae -<br>Caulanthus simulans                     |
| Plants - Vascular | Draba saxosa                        | Southern California rock draba | PDBRA110Q2 | None | None | - | 1B.3 | 3311654 | TORO PEAK      | Mapped and Unprocessed | Plants - Vascular<br>Brassicaceae -<br>Draba saxosa                            |
| Plants - Vascular | Lepidium virginicum var. robinsonii | Robinsons pepper-grass         | PDBRA1M114 | None | None | - | 4.3  | 3311655 | BUTTERFLY PEAK | Mapped                 | Plants - Vascular<br>Brassicaceae -<br>Lepidium virginicum var.<br>robinsonii  |
| Plants - Vascular | Streptanthus campestris             | southern jewelflower           | PDBRA2G0B0 | None | None | - | 1B.3 | 3311655 | BUTTERFLY PEAK | Mapped and Unprocessed | Plants - Vascular<br>Brassicaceae -<br>Streptanthus campestris                 |
| Plants - Vascular | Streptanthus campestris             | southern jewelflower           | PDBRA2G0B0 | None | None | - | 1B.3 | 3311654 | TORO PEAK      | Mapped                 | Plants - Vascular<br>Brassicaceae -<br>Streptanthus campestris                 |
| Plants - Vascular | Streptanthus campestris             | southern jewelflower           | PDBRA2G0B0 | None | None | - | 1B.3 | 3311675 | PALM SPRINGS   | Mapped                 | Plants - Vascular<br>Brassicaceae -<br>Streptanthus campestris                 |
| Plants - Vascular | Streptanthus campestris             | southern jewelflower           | PDBRA2G0B0 | None | None | - | 1B.3 | 3311665 | PALM VIEW PEAK | Mapped                 | Plants - Vascular<br>Brassicaceae -<br>Streptanthus campestris                 |
| Plants - Vascular | Thysanocarpus rigidus               | rigid fringedpod               | PDBRA2Q070 | None | None | - | 1B.2 | 3311665 | PALM VIEW PEAK | Mapped                 | Plants - Vascular<br>Brassicaceae -<br>Thysanocarpus rigidus                   |
| Plants - Vascular | Thysanocarpus rigidus               | rigid fringedpod               | PDBRA2Q070 | None | None | - | 1B.2 | 3311654 | TORO PEAK      | Mapped and Unprocessed | Plants - Vascular<br>Brassicaceae -<br>Thysanocarpus rigidus                   |
| Plants - Vascular | Thysanocarpus rigidus               | rigid fringedpod               | PDBRA2Q070 | None | None | - | 1B.2 | 3311655 | BUTTERFLY PEAK | Mapped                 | Plants - Vascular<br>Brassicaceae -<br>Thysanocarpus rigidus                   |
| Plants - Vascular | Bursera microphylla                 | little-leaf elephant tree      | PDBUR01020 | None | None | - | 2B.3 | 3311653 | MARTINEZ MTN.  | Mapped                 | Plants - Vascular<br>Burseraceae -<br>Bursera microphylla                      |
| Plants - Vascular | Atriplex parishii                   | Parishs brittlescale           | PDCHE041D0 | None | None | - | 1B.1 | 3311655 | BUTTERFLY PEAK | Mapped                 | Plants - Vascular<br>Chenopodiaceae -<br>Atriplex parishii                     |
| Plants - Vascular | Atriplex parishii                   | Parishs brittlescale           | PDCHE041D0 | None | None | - | 1B.1 | 3311675 | PALM SPRINGS   | Mapped                 | Plants - Vascular<br>Chenopodiaceae -<br>Atriplex parishii                     |
| Plants - Vascular | Cuscuta californica var. apiculata  | pointed dodder                 | PDCUS01071 | None | None | - | 3    | 3311674 | CATHEDRAL CITY | Unprocessed            | Plants - Vascular<br>Convolvulaceae -<br>Cuscuta californica var.<br>apiculata |

|                   |                                  |                     |            |      |      |   |      |         |                |             |                                                                           |
|-------------------|----------------------------------|---------------------|------------|------|------|---|------|---------|----------------|-------------|---------------------------------------------------------------------------|
| Plants - Vascular | Sedum niveum                     | Davidsons stonecrop | PDCRA0A0R0 | None | None | - | 4.2  | 3311654 | TORO PEAK      | Unprocessed | Plants - Vascular<br>Crassulaceae -<br>Sedum niveum                       |
| Plants - Vascular | Ditaxis claryana                 | glandular ditaxis   | PDEUP080L0 | None | None | - | 2B.2 | 3311653 | MARTINEZ MTN.  | Mapped      | Plants - Vascular<br>Euphorbiaceae<br>Ditaxis claryana                    |
| Plants - Vascular | Ditaxis claryana                 | glandular ditaxis   | PDEUP080L0 | None | None | - | 2B.2 | 3311663 | LA QUINTA      | Mapped      | Plants - Vascular<br>Euphorbiaceae<br>Ditaxis claryana                    |
| Plants - Vascular | Ditaxis claryana                 | glandular ditaxis   | PDEUP080L0 | None | None | - | 2B.2 | 3311664 | RANCHO MIRAGE  | Mapped      | Plants - Vascular<br>Euphorbiaceae<br>Ditaxis claryana                    |
| Plants - Vascular | Ditaxis serrata var. californica | California ditaxis  | PDEUP08050 | None | None | - | 3.2  | 3311663 | LA QUINTA      | Mapped      | Plants - Vascular<br>Euphorbiaceae<br>Ditaxis serrata<br>var. californica |
| Plants - Vascular | Euphorbia abramsiana             | Abrams spurge       | PDEUP0D010 | None | None | - | 2B.2 | 3311664 | RANCHO MIRAGE  | Mapped      | Plants - Vascular<br>Euphorbiaceae<br>Euphorbia<br>abramsiana             |
| Plants - Vascular | Euphorbia abramsiana             | Abrams spurge       | PDEUP0D010 | None | None | - | 2B.2 | 3311673 | MYOMA          | Mapped      | Plants - Vascular<br>Euphorbiaceae<br>Euphorbia<br>abramsiana             |
| Plants - Vascular | Euphorbia abramsiana             | Abrams spurge       | PDEUP0D010 | None | None | - | 2B.2 | 3311654 | TORO PEAK      | Mapped      | Plants - Vascular<br>Euphorbiaceae<br>Euphorbia<br>abramsiana             |
| Plants - Vascular | Euphorbia arizonica              | Arizona spurge      | PDEUP0D060 | None | None | - | 2B.3 | 3311673 | MYOMA          | Mapped      | Plants - Vascular<br>Euphorbiaceae<br>Euphorbia<br>arizonica              |
| Plants - Vascular | Euphorbia arizonica              | Arizona spurge      | PDEUP0D060 | None | None | - | 2B.3 | 3311674 | CATHEDRAL CITY | Mapped      | Plants - Vascular<br>Euphorbiaceae<br>Euphorbia<br>arizonica              |
| Plants - Vascular | Euphorbia arizonica              | Arizona spurge      | PDEUP0D060 | None | None | - | 2B.3 | 3311665 | PALM VIEW PEAK | Mapped      | Plants - Vascular<br>Euphorbiaceae<br>Euphorbia<br>arizonica              |
| Plants - Vascular | Euphorbia arizonica              | Arizona spurge      | PDEUP0D060 | None | None | - | 2B.3 | 3311675 | PALM SPRINGS   | Mapped      | Plants - Vascular<br>Euphorbiaceae<br>Euphorbia<br>arizonica              |
| Plants - Vascular | Euphorbia platysperma            | flat-seeded spurge  | PDEUP0D1X0 | None | None | - | 1B.2 | 3311674 | CATHEDRAL CITY | Mapped      | Plants - Vascular<br>Euphorbiaceae<br>Euphorbia<br>platysperma            |
| Plants - Vascular | Euphorbia platysperma            | flat-seeded spurge  | PDEUP0D1X0 | None | None | - | 1B.2 | 3311673 | MYOMA          | Mapped      | Plants - Vascular<br>Euphorbiaceae<br>Euphorbia<br>platysperma            |
| Plants - Vascular | Euphorbia revoluta               | revolute spurge     | PDEUP0D230 | None | None | - | 4.3  | 3311654 | TORO PEAK      | Unprocessed | Plants - Vascular<br>Euphorbiaceae<br>Euphorbia<br>revoluta               |

|                   |                                         |                             |            |            |      |   |      |         |                |             |                                                                             |
|-------------------|-----------------------------------------|-----------------------------|------------|------------|------|---|------|---------|----------------|-------------|-----------------------------------------------------------------------------|
| Plants - Vascular | Tragia ramosa                           | desert tragia               | PDEUP1D090 | None       | None | - | 4.3  | 3311654 | TORO PEAK      | Unprocessed | Plants - Vascu<br>Euphorbiaceae<br>Tragia ramosa                            |
| Plants - Vascular | Acmispon haydonii                       | pygmy lotus                 | PDFAB2A0H0 | None       | None | - | 1B.3 | 3311654 | TORO PEAK      | Mapped      | Plants - Vascu<br>Fabaceae -<br>Acmispon<br>haydonii                        |
| Plants - Vascular | Acmispon haydonii                       | pygmy lotus                 | PDFAB2A0H0 | None       | None | - | 1B.3 | 3311675 | PALM SPRINGS   | Mapped      | Plants - Vascu<br>Fabaceae -<br>Acmispon<br>haydonii                        |
| Plants - Vascular | Astragalus bicristatus                  | crested milk-vetch          | PDFAB0F1A0 | None       | None | - | 4.3  | 3311654 | TORO PEAK      | Unprocessed | Plants - Vascu<br>Fabaceae -<br>Astragalus<br>bicristatus                   |
| Plants - Vascular | Astragalus hornii var. hornii           | Horns milk-vetch            | PDFAB0F421 | None       | None | - | 1B.1 | 3311675 | PALM SPRINGS   | Mapped      | Plants - Vascu<br>Fabaceae -<br>Astragalus hor<br>var. hornii               |
| Plants - Vascular | Astragalus hornii var. hornii           | Horns milk-vetch            | PDFAB0F421 | None       | None | - | 1B.1 | 3311665 | PALM VIEW PEAK | Mapped      | Plants - Vascu<br>Fabaceae -<br>Astragalus hor<br>var. hornii               |
| Plants - Vascular | Astragalus hornii var. hornii           | Horns milk-vetch            | PDFAB0F421 | None       | None | - | 1B.1 | 3311664 | RANCHO MIRAGE  | Mapped      | Plants - Vascu<br>Fabaceae -<br>Astragalus hor<br>var. hornii               |
| Plants - Vascular | Astragalus hornii var. hornii           | Horns milk-vetch            | PDFAB0F421 | None       | None | - | 1B.1 | 3311674 | CATHEDRAL CITY | Mapped      | Plants - Vascu<br>Fabaceae -<br>Astragalus hor<br>var. hornii               |
| Plants - Vascular | Astragalus lentiginosus var. borreganus | Borrego milk-vetch          | PDFAB0FB95 | None       | None | - | 4.3  | 3311674 | CATHEDRAL CITY | Unprocessed | Plants - Vascu<br>Fabaceae -<br>Astragalus<br>lentiginosus va<br>borreganus |
| Plants - Vascular | Astragalus lentiginosus var. borreganus | Borrego milk-vetch          | PDFAB0FB95 | None       | None | - | 4.3  | 3311673 | MYOMA          | Unprocessed | Plants - Vascu<br>Fabaceae -<br>Astragalus<br>lentiginosus va<br>borreganus |
| Plants - Vascular | Astragalus lentiginosus var. borreganus | Borrego milk-vetch          | PDFAB0FB95 | None       | None | - | 4.3  | 3311663 | LA QUINTA      | Unprocessed | Plants - Vascu<br>Fabaceae -<br>Astragalus<br>lentiginosus va<br>borreganus |
| Plants - Vascular | Astragalus lentiginosus var. coachellae | Coachella Valley milk-vetch | PDFAB0FB97 | Endangered | None | - | 1B.2 | 3311663 | LA QUINTA      | Mapped      | Plants - Vascu<br>Fabaceae -<br>Astragalus<br>lentiginosus va<br>coachellae |
| Plants - Vascular | Astragalus lentiginosus var. coachellae | Coachella Valley milk-vetch | PDFAB0FB97 | Endangered | None | - | 1B.2 | 3311675 | PALM SPRINGS   | Mapped      | Plants - Vascu<br>Fabaceae -<br>Astragalus<br>lentiginosus va<br>coachellae |

|                   |                                                       |                             |            |            |      |   |      |         |                |                        |                                                                                       |
|-------------------|-------------------------------------------------------|-----------------------------|------------|------------|------|---|------|---------|----------------|------------------------|---------------------------------------------------------------------------------------|
| Plants - Vascular | <i>Astragalus lentiginosus</i> var. <i>coachellae</i> | Coachella Valley milk-vetch | PDFAB0FB97 | Endangered | None | - | 1B.2 | 3311673 | MYOMA          | Mapped                 | Plants - Vascular<br>Fabaceae - <i>Astragalus lentiginosus</i> var. <i>coachellae</i> |
| Plants - Vascular | <i>Astragalus lentiginosus</i> var. <i>coachellae</i> | Coachella Valley milk-vetch | PDFAB0FB97 | Endangered | None | - | 1B.2 | 3311674 | CATHEDRAL CITY | Mapped                 | Plants - Vascular<br>Fabaceae - <i>Astragalus lentiginosus</i> var. <i>coachellae</i> |
| Plants - Vascular | <i>Astragalus leucolobus</i>                          | Big Bear Valley woollypod   | PDFAB0F4T0 | None       | None | - | 1B.2 | 3311654 | TORO PEAK      | Mapped                 | Plants - Vascular<br>Fabaceae - <i>Astragalus leucolobus</i>                          |
| Plants - Vascular | <i>Astragalus preussii</i> var. <i>laxiflorus</i>     | Lancaster milk-vetch        | PDFAB0F721 | None       | None | - | 1B.1 | 3311653 | MARTINEZ MTN.  | Mapped                 | Plants - Vascular<br>Fabaceae - <i>Astragalus preussii</i> var. <i>laxiflorus</i>     |
| Plants - Vascular | <i>Astragalus preussii</i> var. <i>laxiflorus</i>     | Lancaster milk-vetch        | PDFAB0F721 | None       | None | - | 1B.1 | 3311663 | LA QUINTA      | Mapped                 | Plants - Vascular<br>Fabaceae - <i>Astragalus preussii</i> var. <i>laxiflorus</i>     |
| Plants - Vascular | <i>Astragalus tricarinatus</i>                        | triple-ribbed milk-vetch    | PDFAB0F920 | Endangered | None | - | 1B.2 | 3311673 | MYOMA          | Mapped and Unprocessed | Plants - Vascular<br>Fabaceae - <i>Astragalus tricarinatus</i>                        |
| Plants - Vascular | <i>Astragalus tricarinatus</i>                        | triple-ribbed milk-vetch    | PDFAB0F920 | Endangered | None | - | 1B.2 | 3311653 | MARTINEZ MTN.  | Mapped                 | Plants - Vascular<br>Fabaceae - <i>Astragalus tricarinatus</i>                        |
| Plants - Vascular | <i>Marina orcuttii</i> var. <i>orcuttii</i>           | California marina           | PDFAB2F031 | None       | None | - | 1B.3 | 3311654 | TORO PEAK      | Mapped and Unprocessed | Plants - Vascular<br>Fabaceae - <i>Marina orcuttii</i> var. <i>orcuttii</i>           |
| Plants - Vascular | <i>Marina orcuttii</i> var. <i>orcuttii</i>           | California marina           | PDFAB2F031 | None       | None | - | 1B.3 | 3311663 | LA QUINTA      | Mapped                 | Plants - Vascular<br>Fabaceae - <i>Marina orcuttii</i> var. <i>orcuttii</i>           |
| Plants - Vascular | <i>Marina orcuttii</i> var. <i>orcuttii</i>           | California marina           | PDFAB2F031 | None       | None | - | 1B.3 | 3311664 | RANCHO MIRAGE  | Mapped                 | Plants - Vascular<br>Fabaceae - <i>Marina orcuttii</i> var. <i>orcuttii</i>           |
| Plants - Vascular | <i>Rupertia rigida</i>                                | Parish's rupertia           | PDFAB62030 | None       | None | - | 4.3  | 3311655 | BUTTERFLY PEAK | Unprocessed            | Plants - Vascular<br>Fabaceae - <i>Rupertia rigida</i>                                |
| Plants - Vascular | <i>Senna covesii</i>                                  | Coves cassia                | PDFAB491X0 | None       | None | - | 2B.2 | 3311654 | TORO PEAK      | Mapped                 | Plants - Vascular<br>Fabaceae - <i>Senna covesii</i>                                  |
| Plants - Vascular | <i>Senna covesii</i>                                  | Coves cassia                | PDFAB491X0 | None       | None | - | 2B.2 | 3311664 | RANCHO MIRAGE  | Mapped                 | Plants - Vascular<br>Fabaceae - <i>Senna covesii</i>                                  |
| Plants - Vascular | <i>Juncus acutus</i> ssp. <i>leopoldii</i>            | southwestern spiny rush     | PMJUN01051 | None       | None | - | 4.2  | 3311675 | PALM SPRINGS   | Unprocessed            | Plants - Vascular<br>Juncaceae - <i>Juncus acutus</i> ssp. <i>leopoldii</i>           |

|                   |                                  |                             |            |      |      |   |      |         |                |                        |                                                                   |
|-------------------|----------------------------------|-----------------------------|------------|------|------|---|------|---------|----------------|------------------------|-------------------------------------------------------------------|
| Plants - Vascular | Juncus acutus ssp. leopoldii     | southwestern spiny rush     | PMJUN01051 | None | None | - | 4.2  | 3311673 | MYOMA          | Unprocessed            | Plants - Vascular<br>Juncaceae - Juncus acutus ssp. leopoldii     |
| Plants - Vascular | Juncus acutus ssp. leopoldii     | southwestern spiny rush     | PMJUN01051 | None | None | - | 4.2  | 3311665 | PALM VIEW PEAK | Unprocessed            | Plants - Vascular<br>Juncaceae - Juncus acutus ssp. leopoldii     |
| Plants - Vascular | Juncus cooperi                   | Coopers rush                | PMJUN010T0 | None | None | - | 4.3  | 3311665 | PALM VIEW PEAK | Unprocessed            | Plants - Vascular<br>Juncaceae - Juncus cooperi                   |
| Plants - Vascular | Juncus cooperi                   | Coopers rush                | PMJUN010T0 | None | None | - | 4.3  | 3311673 | MYOMA          | Unprocessed            | Plants - Vascular<br>Juncaceae - Juncus cooperi                   |
| Plants - Vascular | Calochortus palmeri var. munzii  | San Jacinto mariposa-lily   | PMLIL0D121 | None | None | - | 1B.2 | 3311664 | RANCHO MIRAGE  | Mapped                 | Plants - Vascular<br>Liliaceae - Calochortus palmeri var. munzii  |
| Plants - Vascular | Calochortus palmeri var. munzii  | San Jacinto mariposa-lily   | PMLIL0D121 | None | None | - | 1B.2 | 3311665 | PALM VIEW PEAK | Mapped and Unprocessed | Plants - Vascular<br>Liliaceae - Calochortus palmeri var. munzii  |
| Plants - Vascular | Calochortus palmeri var. munzii  | San Jacinto mariposa-lily   | PMLIL0D121 | None | None | - | 1B.2 | 3311654 | TORO PEAK      | Mapped                 | Plants - Vascular<br>Liliaceae - Calochortus palmeri var. munzii  |
| Plants - Vascular | Calochortus palmeri var. munzii  | San Jacinto mariposa-lily   | PMLIL0D121 | None | None | - | 1B.2 | 3311655 | BUTTERFLY PEAK | Mapped and Unprocessed | Plants - Vascular<br>Liliaceae - Calochortus palmeri var. munzii  |
| Plants - Vascular | Calochortus palmeri var. palmeri | Palmer's mariposa-lily      | PMLIL0D122 | None | None | - | 1B.2 | 3311655 | BUTTERFLY PEAK | Mapped                 | Plants - Vascular<br>Liliaceae - Calochortus palmeri var. palmeri |
| Plants - Vascular | Calochortus palmeri var. palmeri | Palmer's mariposa-lily      | PMLIL0D122 | None | None | - | 1B.2 | 3311654 | TORO PEAK      | Mapped                 | Plants - Vascular<br>Liliaceae - Calochortus palmeri var. palmeri |
| Plants - Vascular | Lilium parryi                    | lemon lily                  | PMLIL1A0J0 | None | None | - | 1B.2 | 3311654 | TORO PEAK      | Mapped                 | Plants - Vascular<br>Liliaceae - Lilium parryi                    |
| Plants - Vascular | Lilium parryi                    | lemon lily                  | PMLIL1A0J0 | None | None | - | 1B.2 | 3311675 | PALM SPRINGS   | Mapped                 | Plants - Vascular<br>Liliaceae - Lilium parryi                    |
| Plants - Vascular | Petalonyx linearis               | narrow-leaf sandpaper-plant | PDLOA04010 | None | None | - | 2B.3 | 3311664 | RANCHO MIRAGE  | Mapped                 | Plants - Vascular<br>Loasaceae - Petalonyx linearis               |
| Plants - Vascular | Petalonyx linearis               | narrow-leaf sandpaper-plant | PDLOA04010 | None | None | - | 2B.3 | 3311673 | MYOMA          | Mapped                 | Plants - Vascular<br>Loasaceae - Petalonyx linearis               |

|                   |                             |                            |            |      |      |   |      |         |                |                        |                                                                   |
|-------------------|-----------------------------|----------------------------|------------|------|------|---|------|---------|----------------|------------------------|-------------------------------------------------------------------|
| Plants - Vascular | Ayenia compacta             | California ayenia          | PDSTE01020 | None | None | - | 2B.3 | 3311664 | RANCHO MIRAGE  | Mapped                 | Plants - Vascular<br>Malvaceae - Ayenia compacta                  |
| Plants - Vascular | Ayenia compacta             | California ayenia          | PDSTE01020 | None | None | - | 2B.3 | 3311675 | PALM SPRINGS   | Mapped                 | Plants - Vascular<br>Malvaceae - Ayenia compacta                  |
| Plants - Vascular | Ayenia compacta             | California ayenia          | PDSTE01020 | None | None | - | 2B.3 | 3311654 | TORO PEAK      | Mapped                 | Plants - Vascular<br>Malvaceae - Ayenia compacta                  |
| Plants - Vascular | Ayenia compacta             | California ayenia          | PDSTE01020 | None | None | - | 2B.3 | 3311665 | PALM VIEW PEAK | Mapped                 | Plants - Vascular<br>Malvaceae - Ayenia compacta                  |
| Plants - Vascular | Ayenia compacta             | California ayenia          | PDSTE01020 | None | None | - | 2B.3 | 3311653 | MARTINEZ MTN.  | Mapped                 | Plants - Vascular<br>Malvaceae - Ayenia compacta                  |
| Plants - Vascular | Horsfordia alata            | pink velvet-mallow         | PDMAL0J010 | None | None | - | 4.3  | 3311653 | MARTINEZ MTN.  | Unprocessed            | Plants - Vascular<br>Malvaceae - Horsfordia alata                 |
| Plants - Vascular | Horsfordia alata            | pink velvet-mallow         | PDMAL0J010 | None | None | - | 4.3  | 3311663 | LA QUINTA      | Unprocessed            | Plants - Vascular<br>Malvaceae - Horsfordia alata                 |
| Plants - Vascular | Horsfordia newberryi        | Newberrys velvet-mallow    | PDMAL0J020 | None | None | - | 4.3  | 3311675 | PALM SPRINGS   | Unprocessed            | Plants - Vascular<br>Malvaceae - Horsfordia newberryi             |
| Plants - Vascular | Horsfordia newberryi        | Newberrys velvet-mallow    | PDMAL0J020 | None | None | - | 4.3  | 3311653 | MARTINEZ MTN.  | Unprocessed            | Plants - Vascular<br>Malvaceae - Horsfordia newberryi             |
| Plants - Vascular | Abronia villosa var. aurita | chaparral sand-verbena     | PDNYC010P1 | None | None | - | 1B.1 | 3311655 | BUTTERFLY PEAK | Mapped and Unprocessed | Plants - Vascular<br>Nyctaginaceae<br>Abronia villosa var. aurita |
| Plants - Vascular | Abronia villosa var. aurita | chaparral sand-verbena     | PDNYC010P1 | None | None | - | 1B.1 | 3311675 | PALM SPRINGS   | Mapped                 | Plants - Vascular<br>Nyctaginaceae<br>Abronia villosa var. aurita |
| Plants - Vascular | Abronia villosa var. aurita | chaparral sand-verbena     | PDNYC010P1 | None | None | - | 1B.1 | 3311663 | LA QUINTA      | Mapped                 | Plants - Vascular<br>Nyctaginaceae<br>Abronia villosa var. aurita |
| Plants - Vascular | Abronia villosa var. aurita | chaparral sand-verbena     | PDNYC010P1 | None | None | - | 1B.1 | 3311665 | PALM VIEW PEAK | Mapped                 | Plants - Vascular<br>Nyctaginaceae<br>Abronia villosa var. aurita |
| Plants - Vascular | Abronia villosa var. aurita | chaparral sand-verbena     | PDNYC010P1 | None | None | - | 1B.1 | 3311673 | MYOMA          | Mapped                 | Plants - Vascular<br>Nyctaginaceae<br>Abronia villosa var. aurita |
| Plants - Vascular | Abronia villosa var. aurita | chaparral sand-verbena     | PDNYC010P1 | None | None | - | 1B.1 | 3311674 | CATHEDRAL CITY | Mapped                 | Plants - Vascular<br>Nyctaginaceae<br>Abronia villosa var. aurita |
| Plants - Vascular | Mirabilis tenuiloba         | slender-lobed four o'clock | PDNYC0A150 | None | None | - | 4.3  | 3311653 | MARTINEZ MTN.  | Unprocessed            | Plants - Vascular<br>Nyctaginaceae<br>Mirabilis tenuiloba         |

|                   |                                     |                         |            |      |      |   |      |         |                |                        |                                                                         |
|-------------------|-------------------------------------|-------------------------|------------|------|------|---|------|---------|----------------|------------------------|-------------------------------------------------------------------------|
| Plants - Vascular | Eremothera boothii ssp. boothii     | Booths evening-primrose | PDONA03052 | None | None | - | 2B.3 | 3311673 | MYOMA          | Mapped                 | Plants - Vascular<br>Onagraceae - Eremothera boothii ssp. boothii       |
| Plants - Vascular | Eschscholzia androuxii              | Joshua Tree poppy       | PDPAP0A0E0 | None | None | - | 4.3  | 3311673 | MYOMA          | Unprocessed            | Plants - Vascular<br>Papaveraceae Eschscholzia androuxii                |
| Plants - Vascular | Erythranthe diffusa                 | Palomar monkeyflower    | PDSCR1B0Z0 | None | None | - | 4.3  | 3311664 | RANCHO MIRAGE  | Unprocessed            | Plants - Vascular<br>Phrymaceae - Erythranthe diffusa                   |
| Plants - Vascular | Erythranthe diffusa                 | Palomar monkeyflower    | PDSCR1B0Z0 | None | None | - | 4.3  | 3311665 | PALM VIEW PEAK | Unprocessed            | Plants - Vascular<br>Phrymaceae - Erythranthe diffusa                   |
| Plants - Vascular | Erythranthe diffusa                 | Palomar monkeyflower    | PDSCR1B0Z0 | None | None | - | 4.3  | 3311655 | BUTTERFLY PEAK | Unprocessed            | Plants - Vascular<br>Phrymaceae - Erythranthe diffusa                   |
| Plants - Vascular | Penstemon californicus              | California beardtongue  | PDSCR1L110 | None | None | - | 1B.2 | 3311655 | BUTTERFLY PEAK | Mapped and Unprocessed | Plants - Vascular<br>Plantaginaceae Penstemon californicus              |
| Plants - Vascular | Penstemon californicus              | California beardtongue  | PDSCR1L110 | None | None | - | 1B.2 | 3311654 | TORO PEAK      | Mapped                 | Plants - Vascular<br>Plantaginaceae Penstemon californicus              |
| Plants - Vascular | Penstemon californicus              | California beardtongue  | PDSCR1L110 | None | None | - | 1B.2 | 3311665 | PALM VIEW PEAK | Mapped and Unprocessed | Plants - Vascular<br>Plantaginaceae Penstemon californicus              |
| Plants - Vascular | Penstemon clevelandii var. connatus | San Jacinto beardtongue | PDSCR1L1D2 | None | None | - | 4.3  | 3311654 | TORO PEAK      | Unprocessed            | Plants - Vascular<br>Plantaginaceae Penstemon clevelandii var. connatus |
| Plants - Vascular | Penstemon clevelandii var. connatus | San Jacinto beardtongue | PDSCR1L1D2 | None | None | - | 4.3  | 3311655 | BUTTERFLY PEAK | Unprocessed            | Plants - Vascular<br>Plantaginaceae Penstemon clevelandii var. connatus |
| Plants - Vascular | Penstemon clevelandii var. connatus | San Jacinto beardtongue | PDSCR1L1D2 | None | None | - | 4.3  | 3311675 | PALM SPRINGS   | Unprocessed            | Plants - Vascular<br>Plantaginaceae Penstemon clevelandii var. connatus |
| Plants - Vascular | Pseudorontium cyathiferum           | Deep Canyon snapdragon  | PDSCR2R010 | None | None | - | 2B.3 | 3311663 | LA QUINTA      | Mapped and Unprocessed | Plants - Vascular<br>Plantaginaceae Pseudorontium cyathiferum           |
| Plants - Vascular | Stemodia durantifolia               | purple stemodia         | PDSCR1U010 | None | None | - | 2B.1 | 3311664 | RANCHO MIRAGE  | Mapped                 | Plants - Vascular<br>Plantaginaceae Stemodia durantifolia               |

|                   |                                     |                                       |            |      |      |   |      |         |                |                        |                                                                           |
|-------------------|-------------------------------------|---------------------------------------|------------|------|------|---|------|---------|----------------|------------------------|---------------------------------------------------------------------------|
| Plants - Vascular | Stemodia durantifolia               | purple stemodia                       | PDSCR1U010 | None | None | - | 2B.1 | 3311675 | PALM SPRINGS   | Mapped                 | Plants - Vascular<br>Plantaginaceae<br>Stemodia durantifolia              |
| Plants - Vascular | Stemodia durantifolia               | purple stemodia                       | PDSCR1U010 | None | None | - | 2B.1 | 3311663 | LA QUINTA      | Mapped                 | Plants - Vascular<br>Plantaginaceae<br>Stemodia durantifolia              |
| Plants - Vascular | Stemodia durantifolia               | purple stemodia                       | PDSCR1U010 | None | None | - | 2B.1 | 3311674 | CATHEDRAL CITY | Mapped                 | Plants - Vascular<br>Plantaginaceae<br>Stemodia durantifolia              |
| Plants - Vascular | Stemodia durantifolia               | purple stemodia                       | PDSCR1U010 | None | None | - | 2B.1 | 3311665 | PALM VIEW PEAK | Mapped                 | Plants - Vascular<br>Plantaginaceae<br>Stemodia durantifolia              |
| Plants - Vascular | Imperata brevifolia                 | California satintail                  | PMPOA3D020 | None | None | - | 2B.1 | 3311675 | PALM SPRINGS   | Mapped                 | Plants - Vascular<br>Poaceae - Imperata brevifolia                        |
| Plants - Vascular | Eriastrum harwoodii                 | Harwoods eriastrum                    | PDPLM030B1 | None | None | - | 1B.2 | 3311653 | MARTINEZ MTN.  | Mapped                 | Plants - Vascular<br>Polemoniaceae<br>Eriastrum harwoodii                 |
| Plants - Vascular | Leptosiphon floribundus ssp. hallii | Santa Rosa Mountains leptosiphon      | PDPLM090J3 | None | None | - | 1B.3 | 3311653 | MARTINEZ MTN.  | Mapped                 | Plants - Vascular<br>Polemoniaceae<br>Leptosiphon floribundus ssp. hallii |
| Plants - Vascular | Leptosiphon floribundus ssp. hallii | Santa Rosa Mountains leptosiphon      | PDPLM090J3 | None | None | - | 1B.3 | 3311654 | TORO PEAK      | Mapped and Unprocessed | Plants - Vascular<br>Polemoniaceae<br>Leptosiphon floribundus ssp. hallii |
| Plants - Vascular | Linanthus jaegeri                   | San Jacinto linanthus                 | PDPLM08030 | None | None | - | 1B.2 | 3311675 | PALM SPRINGS   | Mapped                 | Plants - Vascular<br>Polemoniaceae<br>Linanthus jaegeri                   |
| Plants - Vascular | Linanthus maculatus ssp. maculatus  | Little San Bernardino Mtns. linanthus | PDPLM041Y1 | None | None | - | 1B.2 | 3311675 | PALM SPRINGS   | Mapped                 | Plants - Vascular<br>Polemoniaceae<br>Linanthus maculatus ssp. maculatus  |
| Plants - Vascular | Saltugilia latimeri                 | Latimers woodland-gilia               | PDPLM0H010 | None | None | - | 1B.2 | 3311675 | PALM SPRINGS   | Mapped                 | Plants - Vascular<br>Polemoniaceae<br>Saltugilia latimeri                 |
| Plants - Vascular | Saltugilia latimeri                 | Latimers woodland-gilia               | PDPLM0H010 | None | None | - | 1B.2 | 3311654 | TORO PEAK      | Mapped                 | Plants - Vascular<br>Polemoniaceae<br>Saltugilia latimeri                 |
| Plants - Vascular | Chorizanthe leptotheca              | Peninsular spineflower                | PDPGN040D0 | None | None | - | 4.2  | 3311655 | BUTTERFLY PEAK | Unprocessed            | Plants - Vascular<br>Polygonaceae<br>Chorizanthe leptotheca               |
| Plants - Vascular | Chorizanthe leptotheca              | Peninsular spineflower                | PDPGN040D0 | None | None | - | 4.2  | 3311663 | LA QUINTA      | Unprocessed            | Plants - Vascular<br>Polygonaceae<br>Chorizanthe leptotheca               |

|                   |                                          |                           |            |      |      |   |      |         |                |                        |                                                                               |
|-------------------|------------------------------------------|---------------------------|------------|------|------|---|------|---------|----------------|------------------------|-------------------------------------------------------------------------------|
| Plants - Vascular | Chorizanthe leptotheca                   | Peninsular spineflower    | PDPGN040D0 | None | None | - | 4.2  | 3311664 | RANCHO MIRAGE  | Unprocessed            | Plants - Vascular<br>Polygonaceae<br>Chorizanthe leptotheca                   |
| Plants - Vascular | Chorizanthe parryi var. parryi           | Parrys spineflower        | PDPGN040J2 | None | None | - | 1B.1 | 3311675 | PALM SPRINGS   | Mapped                 | Plants - Vascular<br>Polygonaceae<br>Chorizanthe parryi var. parryi           |
| Plants - Vascular | Chorizanthe polygonoides var. longispina | long-spined spineflower   | PDPGN040K1 | None | None | - | 1B.2 | 3311665 | PALM VIEW PEAK | Mapped and Unprocessed | Plants - Vascular<br>Polygonaceae<br>Chorizanthe polygonoides var. longispina |
| Plants - Vascular | Chorizanthe polygonoides var. longispina | long-spined spineflower   | PDPGN040K1 | None | None | - | 1B.2 | 3311655 | BUTTERFLY PEAK | Mapped and Unprocessed | Plants - Vascular<br>Polygonaceae<br>Chorizanthe polygonoides var. longispina |
| Plants - Vascular | Chorizanthe xanti var. leucotheca        | white-bracted spineflower | PDPGN040Z1 | None | None | - | 1B.2 | 3311654 | TORO PEAK      | Mapped                 | Plants - Vascular<br>Polygonaceae<br>Chorizanthe xanti var. leucotheca        |
| Plants - Vascular | Chorizanthe xanti var. leucotheca        | white-bracted spineflower | PDPGN040Z1 | None | None | - | 1B.2 | 3311665 | PALM VIEW PEAK | Mapped                 | Plants - Vascular<br>Polygonaceae<br>Chorizanthe xanti var. leucotheca        |
| Plants - Vascular | Chorizanthe xanti var. leucotheca        | white-bracted spineflower | PDPGN040Z1 | None | None | - | 1B.2 | 3311675 | PALM SPRINGS   | Mapped                 | Plants - Vascular<br>Polygonaceae<br>Chorizanthe xanti var. leucotheca        |
| Plants - Vascular | Eriogonum evanidum                       | vanishing wild buckwheat  | PDPGN08780 | None | None | - | 1B.1 | 3311655 | BUTTERFLY PEAK | Mapped                 | Plants - Vascular<br>Polygonaceae<br>Eriogonum evanidum                       |
| Plants - Vascular | Nemacaulis denudata var. gracilis        | slender cottonheads       | PDPGN0G012 | None | None | - | 2B.2 | 3311675 | PALM SPRINGS   | Mapped                 | Plants - Vascular<br>Polygonaceae<br>Nemacaulis denudata var. gracilis        |
| Plants - Vascular | Nemacaulis denudata var. gracilis        | slender cottonheads       | PDPGN0G012 | None | None | - | 2B.2 | 3311663 | LA QUINTA      | Mapped                 | Plants - Vascular<br>Polygonaceae<br>Nemacaulis denudata var. gracilis        |
| Plants - Vascular | Nemacaulis denudata var. gracilis        | slender cottonheads       | PDPGN0G012 | None | None | - | 2B.2 | 3311674 | CATHEDRAL CITY | Mapped and Unprocessed | Plants - Vascular<br>Polygonaceae<br>Nemacaulis denudata var. gracilis        |
| Plants - Vascular | Sidotheca caryophylloides                | chickweed oxytheca        | PDPGN0J010 | None | None | - | 4.3  | 3311665 | PALM VIEW PEAK | Unprocessed            | Plants - Vascular<br>Polygonaceae<br>Sidotheca caryophylloides                |
| Plants - Vascular | Sidotheca emarginata                     | white-margined oxytheca   | PDPGN0J030 | None | None | - | 1B.3 | 3311665 | PALM VIEW PEAK | Mapped and Unprocessed | Plants - Vascular<br>Polygonaceae<br>Sidotheca emarginata                     |

|                   |                                       |                                |            |      |      |   |      |         |                |                        |                                                                            |
|-------------------|---------------------------------------|--------------------------------|------------|------|------|---|------|---------|----------------|------------------------|----------------------------------------------------------------------------|
| Plants - Vascular | Sidothea emarginata                   | white-margined oxytheca        | PDPGN0J030 | None | None | - | 1B.3 | 3311655 | BUTTERFLY PEAK | Mapped and Unprocessed | Plants - Vascular<br>Polygonaceae<br>Sidothea emarginata                   |
| Plants - Vascular | Sidothea emarginata                   | white-margined oxytheca        | PDPGN0J030 | None | None | - | 1B.3 | 3311654 | TORO PEAK      | Mapped and Unprocessed | Plants - Vascular<br>Polygonaceae<br>Sidothea emarginata                   |
| Plants - Vascular | Delphinium parishii ssp. subglobosum  | Colorado Desert larkspur       | PDRAN0B1A3 | None | None | - | 4.3  | 3311654 | TORO PEAK      | Unprocessed            | Plants - Vascular<br>Ranunculaceae<br>Delphinium parishii ssp. subglobosum |
| Plants - Vascular | Delphinium parishii ssp. subglobosum  | Colorado Desert larkspur       | PDRAN0B1A3 | None | None | - | 4.3  | 3311655 | BUTTERFLY PEAK | Unprocessed            | Plants - Vascular<br>Ranunculaceae<br>Delphinium parishii ssp. subglobosum |
| Plants - Vascular | Galium angustifolium ssp. gracillimum | slender bedstraw               | PDRUB0N04B | None | None | - | 4.2  | 3311654 | TORO PEAK      | Unprocessed            | Plants - Vascular<br>Rubiaceae - Galium angustifolium ssp. gracillimum     |
| Plants - Vascular | Galium angustifolium ssp. gracillimum | slender bedstraw               | PDRUB0N04B | None | None | - | 4.2  | 3311675 | PALM SPRINGS   | Unprocessed            | Plants - Vascular<br>Rubiaceae - Galium angustifolium ssp. gracillimum     |
| Plants - Vascular | Galium angustifolium ssp. jacinticum  | San Jacinto Mountains bedstraw | PDRUB0N04C | None | None | - | 1B.3 | 3311654 | TORO PEAK      | Mapped                 | Plants - Vascular<br>Rubiaceae - Galium angustifolium ssp. jacinticum      |
| Plants - Vascular | Galium angustifolium ssp. jacinticum  | San Jacinto Mountains bedstraw | PDRUB0N04C | None | None | - | 1B.3 | 3311655 | BUTTERFLY PEAK | Mapped and Unprocessed | Plants - Vascular<br>Rubiaceae - Galium angustifolium ssp. jacinticum      |
| Plants - Vascular | Heuchera hirsutissima                 | shaggy-haired alumroot         | PDSAX0E0J0 | None | None | - | 1B.3 | 3311654 | TORO PEAK      | Mapped and Unprocessed | Plants - Vascular<br>Saxifragaceae<br>Heuchera hirsutissima                |
| Plants - Vascular | Heuchera hirsutissima                 | shaggy-haired alumroot         | PDSAX0E0J0 | None | None | - | 1B.3 | 3311675 | PALM SPRINGS   | Mapped                 | Plants - Vascular<br>Saxifragaceae<br>Heuchera hirsutissima                |
| Plants - Vascular | Heuchera hirsutissima                 | shaggy-haired alumroot         | PDSAX0E0J0 | None | None | - | 1B.3 | 3311665 | PALM VIEW PEAK | Mapped                 | Plants - Vascular<br>Saxifragaceae<br>Heuchera hirsutissima                |
| Plants - Vascular | Selaginella eremophila                | desert spike-moss              | PPSEL010G0 | None | None | - | 2B.2 | 3311663 | LA QUINTA      | Mapped                 | Plants - Vascular<br>Selaginellaceae<br>Selaginella eremophila             |
| Plants - Vascular | Selaginella eremophila                | desert spike-moss              | PPSEL010G0 | None | None | - | 2B.2 | 3311664 | RANCHO MIRAGE  | Mapped                 | Plants - Vascular<br>Selaginellaceae<br>Selaginella eremophila             |

|                   |                                        |                     |            |      |      |   |      |         |                |             |                                                                                   |
|-------------------|----------------------------------------|---------------------|------------|------|------|---|------|---------|----------------|-------------|-----------------------------------------------------------------------------------|
| Plants - Vascular | Selaginella eremophila                 | desert spike-moss   | PPSEL010G0 | None | None | - | 2B.2 | 3311675 | PALM SPRINGS   | Mapped      | Plants - Vascular<br>Selaginellaceae<br>Selaginella eremophila                    |
| Plants - Vascular | Selaginella eremophila                 | desert spike-moss   | PPSEL010G0 | None | None | - | 2B.2 | 3311674 | CATHEDRAL CITY | Mapped      | Plants - Vascular<br>Selaginellaceae<br>Selaginella eremophila                    |
| Plants - Vascular | Selaginella eremophila                 | desert spike-moss   | PPSEL010G0 | None | None | - | 2B.2 | 3311665 | PALM VIEW PEAK | Mapped      | Plants - Vascular<br>Selaginellaceae<br>Selaginella eremophila                    |
| Plants - Vascular | Lycium torreyi                         | Torreys box-thorn   | PDSOL0G0K0 | None | None | - | 4.2  | 3311665 | PALM VIEW PEAK | Unprocessed | Plants - Vascular<br>Solanaceae -<br>Lycium torreyi                               |
| Plants - Vascular | Lycium torreyi                         | Torreys box-thorn   | PDSOL0G0K0 | None | None | - | 4.2  | 3311674 | CATHEDRAL CITY | Unprocessed | Plants - Vascular<br>Solanaceae -<br>Lycium torreyi                               |
| Plants - Vascular | Lycium torreyi                         | Torreys box-thorn   | PDSOL0G0K0 | None | None | - | 4.2  | 3311673 | MYOMA          | Unprocessed | Plants - Vascular<br>Solanaceae -<br>Lycium torreyi                               |
| Plants - Vascular | Lycium torreyi                         | Torreys box-thorn   | PDSOL0G0K0 | None | None | - | 4.2  | 3311675 | PALM SPRINGS   | Unprocessed | Plants - Vascular<br>Solanaceae -<br>Lycium torreyi                               |
| Plants - Vascular | Pelazoneuron puberulum var. sonorensis | Sonoran maiden fern | PPTHE05192 | None | None | - | 2B.2 | 3311675 | PALM SPRINGS   | Mapped      | Plants - Vascular<br>Thelypteridaceae<br>- Pelazoneuron puberulum var. sonorensis |

| OBJECTID | SNAME                                   | CNAME                                     | ELMCODECCNUMBE | MAPNDX    | EONDX  | KEYQUAD |
|----------|-----------------------------------------|-------------------------------------------|----------------|-----------|--------|---------|
| 13       | Athene cunicularia                      | burrowing owl                             | ABNSB10C       | 800 64743 | 64822  | 3311674 |
| 33       | Abronia villosa var. aurita             | chaparral sand-verbena                    | PDNYC01C       | 65 72428  | 73395  | 3311674 |
| 6        | Macrobaenetes valgum                    | Coachella giant sand treader cricket      | IIORT2202      | 4 05583   | 22600  | 3311674 |
| 11       | Uma inornata                            | Coachella Valley fringe-toed lizard       | ARACF15C       | 100 15936 | 27880  | 3311674 |
| 25       | Stenopelmatus cahuilaensis              | Coachella Valley jerusalem cricket        | IIORT2601      | 11 89393  | 90379  | 3311674 |
| 18       | Astragalus lentiginosus var. coachellae | Coachella Valley milk-vetch               | PDFAB0FE       | 16 05645  | 13839  | 3311674 |
| 10       | Euphorbia platysperma                   | flat-seeded spurge                        | PDEUP0D        | 2 28156   | 4753   | 3311674 |
| 4        | Phrynosoma mcallii                      | flat-tailed horned lizard                 | ARACF12C       | 53 97159  | 27923  | 3311674 |
| 2        | Astragalus hornii var. hornii           | Horn's milk-vetch                         | PDFAB0F4       | 15 B4568  | 117506 | 3311675 |
| 5        | Toxostoma lecontei                      | Le Conte's thrasher                       | ABPBK061       | 64 05549  | 24508  | 3311674 |
| 9        | Xerospermophilus tereticaudus chlorus   | Palm Springs round-tailed ground squirrel | AMAFB05'       | 5 05662   | 24199  | 3311674 |
| 1        | Falco mexicanus                         | prairie falcon                            | ABNKD06C       | 430 05659 | 26006  | 3311674 |

| QUADNAME        | YCOUNT | PLSS      | ELEVATION | PARTS | ELMTYPE    | XONGRO | IEOCOUNT | ACCURACY      | PRES        | ENCE       | OCCTYPE | OCCRANK | SENSITIVE |
|-----------------|--------|-----------|-----------|-------|------------|--------|----------|---------------|-------------|------------|---------|---------|-----------|
| Cathedral (RIV  |        | T04S, R05 | 320       | 1     | 2 Birds    |        | 1        | non-specific  | Presumed    | Natural/Na | Good    | N       |           |
| Cathedral (RIV  |        | T04S, R05 | 300       | 1     | 1 Dicots   |        | 1        | 80 meters     | Presumed    | Natural/Na | Unknown | N       |           |
| Cathedral (RIV  |        | T04S, R05 | 350       | 1     | 2 Insects  |        | 1        | 1 mile        | Presumed    | Natural/Na | Unknown | N       |           |
| Cathedral (RIV  |        | T03S, R05 | 1100      | 1     | 2 Reptiles |        | 1        | non-specific  | Presumed    | Natural/Na | Unknown | N       |           |
| Cathedral (RIV  |        | T04S, R05 | 230       | 1     | 2 Insects  |        | 1        | 1/5 mile      | Possibly E: | Natural/Na | None    | N       |           |
| Cathedral (RIV  |        | T04S, R05 | 350       | 78    | 1 Dicots   |        | 1        | specific area | Presumed    | Natural/Na | Fair    | N       |           |
| Cathedral (RIV  |        | T04S, R06 | 210       | 1     | 1 Dicots   |        | 1        | 1 mile        | Presumed    | Natural/Na | Unknown | N       |           |
| Cathedral (RIV  |        | T04S, R05 | 350       | 1     | 2 Reptiles |        | 1        | 1 mile        | Possibly E: | Natural/Na | None    | N       |           |
| Palm Spring RIV |        | T05S, R05 | 0         | 1     | 1 Dicots   |        | 1        | 5 miles       | Presumed    | Natural/Na | Unknown | N       |           |
| Cathedral (RIV  |        | T04S, R05 | 370       | 1     | 2 Birds    |        | 1        | 1 mile        | Presumed    | Natural/Na | Unknown | N       |           |
| Cathedral (RIV  |        | T04S, R06 | 260       | 1     | 2 Mammals  |        | 2        | 1 mile        | Presumed    | Natural/Na | Unknown | N       |           |
| Cathedral (RIV  |        |           | 800       | 1     | 2 Birds    |        | 1        | 1/5 mile      | Presumed    | Natural/Na | Unknown | Y       |           |

| SITE     | DATE     | ELM      | DATE       | OWNER      | MG   | FED   | LIST | CALL | LIST | GR | RANK | SR | RANK | PLAN | TRANS | FW | STAT | THR | STAT | LOC                                     | ATION | OC | DETAIL | CO        | LOGICAL |
|----------|----------|----------|------------|------------|------|-------|------|------|------|----|------|----|------|------|-------|----|------|-----|------|-----------------------------------------|-------|----|--------|-----------|---------|
| 20060522 | 20060522 | BIA-AGUA | None       | None       | None | G4    | S3   |      |      |    |      |    |      |      |       |    | SSC  |     |      | BLM_S; IU AGUA CAL                      |       |    |        | HABITAT ( |         |
| 20050630 | 20050630 | UNKNOWN  | None       | None       | None | G5T2? | S2   |      |      |    |      |    |      | 1B.1 |       |    |      |     |      | BLM_S; SE 0.5 MILE V AREA IS R LOOSE SA |       |    |        |           |         |
| 19600521 | 19600521 | BIA-AGUA | None       | None       | None | G1G2  | S2   |      |      |    |      |    |      |      |       |    |      |     |      | IUCN_VU APPROXIM                        |       |    |        | FOUND OI  |         |
| 19840615 | 19840615 | UNKNOWN  | Threatened | Endangered | None | G1Q   | S1   |      |      |    |      |    |      |      |       |    |      |     |      | IUCN_EN VICINITY ( 1984: SE 1 BLOW SAN  |       |    |        |           |         |
| 2003XXXX | 19900224 | UNKNOWN  | None       | None       | None | G1G2  | S2   |      |      |    |      |    |      |      |       |    |      |     |      | IUCN_VU RAMON R MAPPED 1 AERIAL PH      |       |    |        |           |         |
| 20191215 | 20191215 | BIA-AGUA | Endangered | None       | None | G5T1  | S1   |      |      |    |      |    |      | 1B.2 |       |    |      |     |      | SB_CaIBG ALONG 2 I MAPPED / IN BLOWN    |       |    |        |           |         |
| 19640817 | 19640817 | UNKNOWN  | None       | None       | None | G3    | S1   |      |      |    |      |    |      | 1B.2 |       |    |      |     |      | SB_CaIBG NEAR EDC EXACT LC              |       |    |        |           |         |
| 19570525 | 19570525 | BIA-AGUA | None       | None       | None | G3    | S3   |      |      |    |      |    |      |      |       |    | SSC  |     |      | BLM_S; IU 2 TO 3 MIL 1948 LOC/          |       |    |        |           |         |
| 19360421 | 19360421 | UNKNOWN  | None       | None       | None | GUT1  | S1   |      |      |    |      |    |      | 1B.1 |       |    |      |     |      | BLM_S SOUTH OF EXACT LC                 |       |    |        |           |         |
| 19200221 | 19200221 | UNKNOWN  | None       | None       | None | G4    | S3   |      |      |    |      |    |      |      |       |    | SSC  |     |      | BLM_S; IU 3 MILES E                     |       |    |        |           |         |
| 19540207 | 19540207 | UNKNOWN  | None       | None       | None | G5T2Q | S2   |      |      |    |      |    |      |      |       |    | SSC  |     |      | BLM_S THOUSAN                           |       |    |        |           |         |
| 19840124 | 19840124 |          | None       | None       | None | G5    | S4   |      |      |    |      |    |      |      |       |    | WL   |     |      | IUCN_LC                                 |       |    |        | NARROW    |         |

| THREAT   | HREATLIS    | GENERAL  | ASTUPDA1 | AREA     | PERIMETE | IAVL  | CODES | Symbology |
|----------|-------------|----------|----------|----------|----------|-------|-------|-----------|
| THREAT   | Developm    | 2 ADULTS | 20060525 | 2629543  | 6486.917 | 20301 | 203   |           |
|          | ONLY SOL    | 20080930 | 20026.98 | 502.1818 | 10101    | 101   |       |           |
|          | IN VERY C   | 19890811 | 7935483  | 9998.716 | 20901    | 209   |       |           |
| NORTH SE | Mining; Ott | DAVIS RE | 20030221 | 4923538  | 10308.15 | 20301 | 203   |           |
| DEVELOP  | ACCORDII    | 20130610 | 282659.4 | 1884.816 | 20501    | 205   |       |           |
| DEVELOP  | Developm    | POPULATI | 20210830 | 1003830  | 27022.16 | 10201 | 102   |           |
|          | MAIN SOU    | 20180620 | 7934223  | 9997.914 | 10901    | 109   |       |           |
| AREA ARC | Developm    | GRAVID F | 20150812 | 8042067  | 10052.97 | 20901 | 209   |           |
|          | ONLY SOL    | 20191218 | 2.01E+08 | 50265.17 | 11001    | 110   |       |           |
|          | EGG SET     | 19960730 | 7936202  | 9999.16  | 20901    | 209   |       |           |
|          | MVZ #125    | 19890810 | 7934322  | 9997.976 | 20902    | 809   |       |           |
| ORV USE  | ORV activi  | 19890810 | 3.21E+08 | 78585.9  | 99901    | 999   |       |           |



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## **APPENDIX E**

### **Noise Worksheets**

# Roadway Construction Noise Model (RCNM),Version 1.1

Report dat 4/5/2023

Case Descr Rancho Mirage High School

---- Receptor #1 ----

Baselines (dBA)

| Description | Land Use   | Daytime | Evening | Night |
|-------------|------------|---------|---------|-------|
| Residentia  | Residentia | 80      | 80      | 80    |

Equipment

| Description           | Impact Device | Usage(%) | Spec       | Actual     | Receptor        | Estimated       |
|-----------------------|---------------|----------|------------|------------|-----------------|-----------------|
|                       |               |          | Lmax (dBA) | Lmax (dBA) | Distance (feet) | Shielding (dBA) |
| Backhoe               | No            | 40       |            | 77.6       | 30              | 0               |
| Crane                 | No            | 16       |            | 80.6       | 30              | 0               |
| Drum Mixer            | No            | 50       |            | 80         | 30              | 0               |
| Excavator             | No            | 40       |            | 80.7       | 30              | 0               |
| Slurry Trenching Macl | No            | 50       |            | 80.4       | 30              | 0               |

Results

| Equipment             | Calculated (dBA) |      | Noise Limits (dBA) |     |         |     |       |     | Noise Limit Exceedance (dBA) |     |         |     |       |     |
|-----------------------|------------------|------|--------------------|-----|---------|-----|-------|-----|------------------------------|-----|---------|-----|-------|-----|
|                       |                  |      | Day                |     | Evening |     | Night |     | Day                          |     | Evening |     | Night |     |
|                       | *Lmax            | Leq  | Lmax               | Leq | Lmax    | Leq | Lmax  | Leq | Lmax                         | Leq | Lmax    | Leq | Lmax  | Leq |
| Backhoe               | 82               |      | 78 N/A             | N/A | N/A     | N/A | N/A   | N/A | N/A                          | N/A | N/A     | N/A | N/A   | N/A |
| Crane                 | 85               |      | 77 N/A             | N/A | N/A     | N/A | N/A   | N/A | N/A                          | N/A | N/A     | N/A | N/A   | N/A |
| Drum Mixer            | 84.4             | 81.4 | N/A                | N/A | N/A     | N/A | N/A   | N/A | N/A                          | N/A | N/A     | N/A | N/A   | N/A |
| Excavator             | 85.1             | 81.2 | N/A                | N/A | N/A     | N/A | N/A   | N/A | N/A                          | N/A | N/A     | N/A | N/A   | N/A |
| Slurry Trenching Macl | 84.8             | 81.8 | N/A                | N/A | N/A     | N/A | N/A   | N/A | N/A                          | N/A | N/A     | N/A | N/A   | N/A |
| Total                 | 85.1             | 87.3 | N/A                | N/A | N/A     | N/A | N/A   | N/A | N/A                          | N/A | N/A     | N/A | N/A   | N/A |

\*Calculated Lmax is the Loudest value.

**DHSHS  
Construction Vibration Model  
(80 feet)**

| Equipment           |  | Pieces of Equipment | PPV at 25 feet (in/sec) | Distance from Equipment | PPV at adjusted distance | RMS velocity amplitude in in/sec at adjusted distance <sup>a</sup> | RMS Vibration level in VdB at adjusted distance |
|---------------------|--|---------------------|-------------------------|-------------------------|--------------------------|--------------------------------------------------------------------|-------------------------------------------------|
| Caisson drilling    |  | 1                   | 0.089                   | 30                      | 0.068                    | 0.017                                                              | 85                                              |
| Jackhammer          |  | N/A                 | 0.035                   | 30                      | #VALUE!                  | #VALUE!                                                            | #VALUE!                                         |
| Large bulldozer     |  | N/A                 | 0.089                   | 30                      | #VALUE!                  | #VALUE!                                                            | #VALUE!                                         |
| Loaded trucks       |  | 1                   | 0.076                   | 30                      | 0.058                    | 0.014                                                              | 83                                              |
| Pile Drive (impact) |  | N/A                 | 0.644                   | 30                      | #VALUE!                  | #VALUE!                                                            | #VALUE!                                         |
| Vibratory Roller    |  | N/A                 | 0.210                   | 30                      | #VALUE!                  | #VALUE!                                                            | #VALUE!                                         |
| Small bulldozer     |  | N/A                 | 0.003                   | 30                      | #VALUE!                  | #VALUE!                                                            | #VALUE!                                         |

\* Suggested Vibration Thresholds per the Federal Transit Administration, United States Department of Transportation, Transit Noise and Vibration Impact Assessment (FTA-VA-90-1003-06), May 2006, pg. 12-12.  
-Fragile Buildings- 0.20 in/sec

NOISE LEVEL CONTOURS - Existing Plus Project Weekday Off-Site ADT Volumes

|                |          |        |       |        |             |                    |                  |             |               |              |       | Traffic Volumes |     |       |     |     |     |     |     |     |      | Ref. Energy Level Dist |      |       |      |      |      |       |      |      |      | Ld    |      |      |      | Le    |  |  |  | Ln |  |  |  |
|----------------|----------|--------|-------|--------|-------------|--------------------|------------------|-------------|---------------|--------------|-------|-----------------|-----|-------|-----|-----|-----|-----|-----|-----|------|------------------------|------|-------|------|------|------|-------|------|------|------|-------|------|------|------|-------|--|--|--|----|--|--|--|
| ROADWAY NAME   |          | Median |       | ADT    | Design      | Dist. from         | Barrier          |             | Vehicle Mix   |              | dB(A) |                 |     |       |     |     |     |     |     |     |      |                        |      |       |      |      |      |       |      |      |      |       |      |      |      |       |  |  |  |    |  |  |  |
| Segment        | Land Use | Lanes  | Width | Volume | Speed (mph) | Center to Receptor | Alpha Factor (1' | Attn. dB(A) | Medium Trucks | Heavy Trucks | CNEL  | Day             | Eve | Night | MTd | HTd | MTe | HTe | MTn | HTn | A    | MT                     | HT   | Adj   | A    | MT   | HT   | Total | A    | MT   | HT   | Total | A    | MT   | HT   | Total |  |  |  |    |  |  |  |
| Rattler Road   |          | 2      | 10    | 84     | 25          | 70                 | 0                | 0           | 1.8%          | 0.7%         | #NUM! | 65              | 11  | 8     | 33  | 0   | 0   | 0   | 0   | 0   | 59.4 | 71.1                   | 78.7 | -1.5  | 33.0 | 44.7 | #### | ##### | 32.9 | 23.2 | 24.2 | 33.9  | 34.2 | 21.3 | 25.1 | 34.9  |  |  |  |    |  |  |  |
| Ramon Road     |          | 6      | 18    | 84     | 55          | 80                 | 0                | 0           | 1.8%          | 0.7%         | #NUM! | 65              | 11  | 8     | 33  | 0   | 0   | 0   | 0   | 0   | 72.7 | 79.9                   | 83.8 | -1.5  | 42.8 | 50.0 | #### | ##### | 42.7 | 28.5 | 25.8 | 43.0  | 44.1 | 26.6 | 26.7 | 44.2  |  |  |  |    |  |  |  |
| Bob Hope Drive |          | 6      | 25    | 84     | 45          | 500                | 0                | 0           | 1.8%          | 0.7%         | #NUM! | 65              | 11  | 8     | 33  | 0   | 0   | 0   | 0   | 0   | 69.3 | 77.6                   | 82.1 | -10.1 | 31.7 | 40.1 | #### | ##### | 31.7 | 18.6 | 16.5 | 32.0  | 33.0 | 16.7 | 17.4 | 33.2  |  |  |  |    |  |  |  |

(1) Alpha Factor: Coefficient of absorption relating to the effects of the ground surface. An alpha factor of 0 indicates that the site is an acoustically "hard" site such as asphalt. An alpha factor of 0.5 indicates that the site is an acoustically "soft" site such as vegetative ground cover.

|                                       |        |         |       |
|---------------------------------------|--------|---------|-------|
| Assumed 24-Hour Traffic Distribution: | Day    | Evening | Night |
| Total ADT Volumes                     | 77.70% | 12.70%  | 9.60% |
| Medium-Duty Trucks                    | 87.43% | 5.05%   | 7.52% |
| Heavy-Duty Trucks                     | 89.10% | 2.84%   | 8.06% |

|                    |    |
|--------------------|----|
| ADT - Worker Trips | Z  |
| P - Vendor Trips   | AA |
| Q - Haul Trips     | AB |



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## **APPENDIX F**

### **AB 52 Tribal Consultation**

**Facilities  
Planning &  
Development***Julie Arthur, Executive Director*

March 22, 2023

Mr. Thomas Tortez, Jr., Tribal Chairman  
Torres-Martinez Desert Cahuilla Indians  
6725 Martinez Road  
Thermal, CA 92274

**SUBJECT:** Formal Notification for the PSUSD Field Lighting Improvement Project pursuant to Public Resources Code Section 21080.3.1

**PROJECT:** Palm Springs Unified School District Athletic Field Lighting Improvements  
Rancho Mirage High School (RMHS), Palm Springs High School (PSHS), Desert Hot Springs High School (DHSHS), and Cathedral City High School (CCHS)

Dear Mr. Tortez, Jr.,

The Palm Springs Unified School District (PSUSD) has proposed the Field Lighting Improvement Projects (Project) on the campuses of Rancho Mirage High School (RMHS), Palm Springs High School (PSHS), Desert Hot Springs High School (DHSHS), and Cathedral City High School (CCHS), and is providing written notice to the Agua Caliente Band of Cahuilla Indians Tribe in response to the Tribe's request for the notification of projects proposed within the District.

The proposed improvements would add field lighting on existing high school campuses within the cities of Rancho Mirage, Palm Springs, Desert Hot Springs, and Cathedral City. Please find below the description of the proposed Projects, maps showing the project locations and vicinity, as well as the name of our Project point of contact, pursuant to PRC Section 21080.3.1 (d).

**Project Description:** The District is proposing field lighting improvements at RMHS, PSHS, DHSHS, and CCHS campuses around the perimeter of the fields, as shown in **Figures 1a through 1d: Conceptual Project Rendering**.

The proposed lighting improvements of the athletic fields was prompted by the passage of Senate Bill (SB) 328, which requires high schools to start no earlier than 8:30 A.M. SB 328 affects sports activities which would require the athletic fields be lighted for evening use. The proposed lights would safely allow use of the athletic fields into the evening hours and the design meets the California Interscholastic Federation (CIF) recommended lighting levels.

*Mr. Thomas Tortez, Jr., Tribal Chairman, Torres-Martinez Desert Cahuilla Indians*

**SUBJECT:** Formal Notification for the PSUSD Field Lighting Improvement Project pursuant to Public Resources Code Section 21080.3.1

The proposed Project is intended to expand the timing and use of the existing facilities for several sports (including baseball, softball, and soccer). By allowing evening-hour use, the high schools would provide enhanced opportunities for students to participate in school-sponsored sports while student-athletes, students, and all other attendees of nighttime games and practices.

The proposed lighting improvements would include LED lighting fixtures on poles ranging in height from 50 feet to 100 feet tall for the baseball, softball, and soccer fields across all four schools as well as the football stadium at PSHS campus, as shown in **Figures 1a through 1d**.

Construction activities would occur for approximately 6 to 9 months and would include the use of equipment such as backhoes, trenching machines, and cranes.

**Project Location:** RMHS campus is located at 31001 Rattler Road in the City of Rancho Mirage in the northern portion of the Coachella Valley within Riverside County, California, as shown in **Figure 2: Regional Location Map**. The RMHS campus is bounded by 30<sup>th</sup> Avenue to the north, Rattler Road to the east, Ramon Road to the south, and Da Vall Drive to the west. The RMHS campus is regionally accessible from State Route 111 (SR-111) and Interstate 10 (I-10). The Project Site includes an existing high school with associated sports fields.

PSHS campus is located at 2401 East Baristo Road in the City of Palm Springs in the northern portion of the Coachella Valley in Riverside County, California, as shown in **Figure 2**. The campus is bound by East Baristo Road to the north, South Farrell Drive to the east, Ramon Road to the south, and South Pavilion Way to the west. The PSHS campus is regionally accessible from SR-111 and I-10. The Project Site includes an existing high school with associated sports fields.

DHSHS campus is located at 65850 Pierson Boulevard in the City of Desert Hot Springs in the northern portion of the Coachella Valley in Riverside County, California, as shown in **Figure 2**. The DHSHS campus is bound by 5<sup>th</sup> Street to the north, Cholla Drive to the east, Pierson Blvd to the south, and Golden Eagle Way to the west. The DHSHS campus is regionally accessible by State Route 62 (SR-62) and I-10. The Project Site includes an existing high school with associated sports fields.

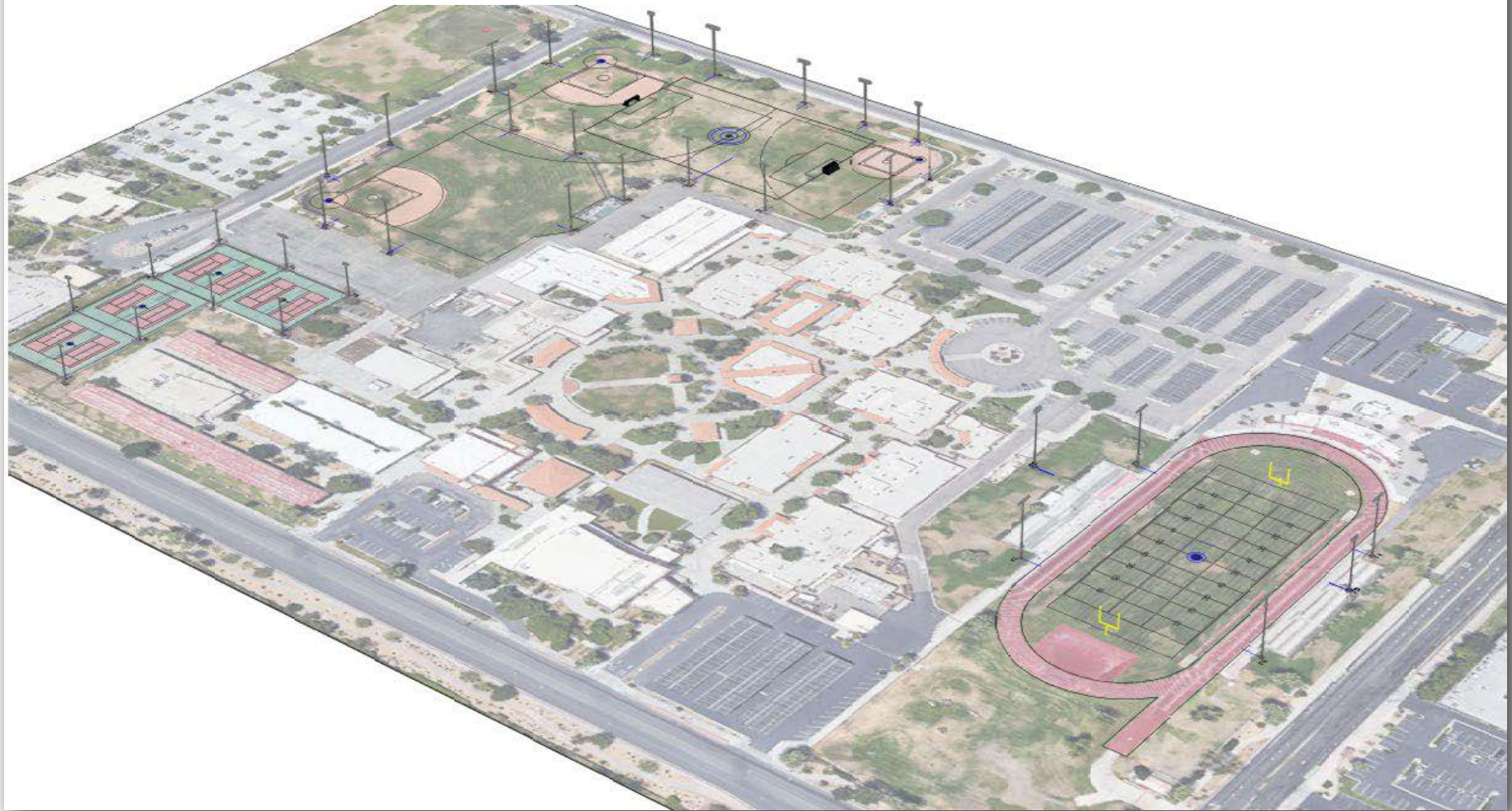
CCHS campus is located at 69250 Dinah Shore Drive in the City of Cathedral City in the northern portion of the Coachella Valley within Riverside County, California, as shown in **Figure 2**. The CCHS campus is located in the southern portion of the City of Cathedral City and is regionally accessible from SR-111 and I-10. The Project Site is bound by Dave Kelly Road to the north, Plumley Road to the east, Dinah Shore Drive to the south, and Date Palm Drive to the east. The Project Site includes an existing high school with associated sports fields.

Please send any request to have consultation to Ms. Julie Arthur at [jarthur@psusd.us](mailto:jarthur@psusd.us).



Julie Arthur, Executive Director  
Facilities Planning & Development

## Palm Springs High School – Proposed Lighting



SOURCE: Google Earth - 2023

FIGURE 1a

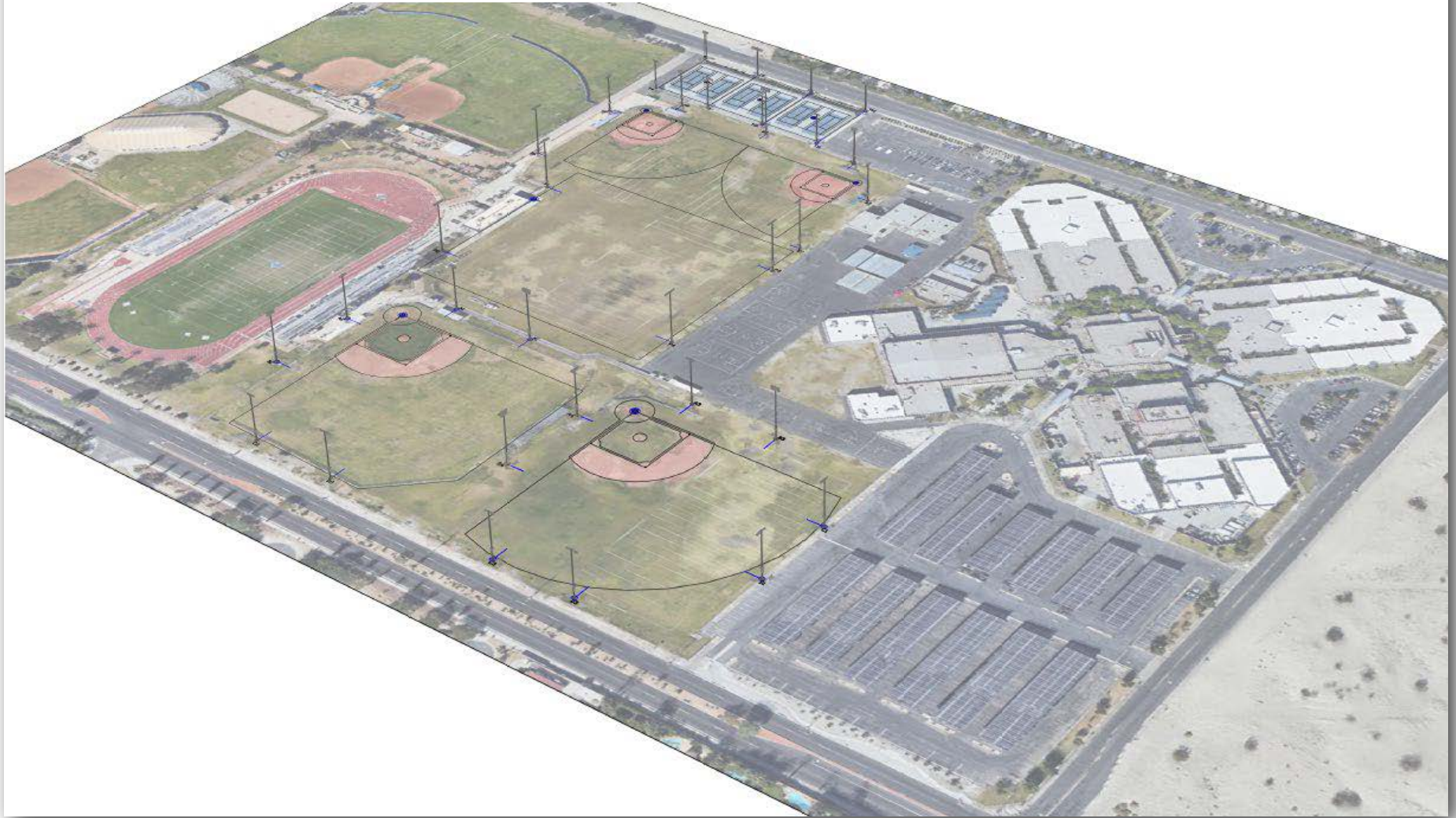
## Desert Hot Springs High School – Proposed Lighting



SOURCE: Google Earth - 2023

FIGURE 1b

## Cathedral City High School – Proposed Lighting



SOURCE: Google Earth - 2023

FIGURE 1c

## Rancho Mirage High School – Proposed Lighting



SOURCE: Google Earth - 2023

FIGURE 1d

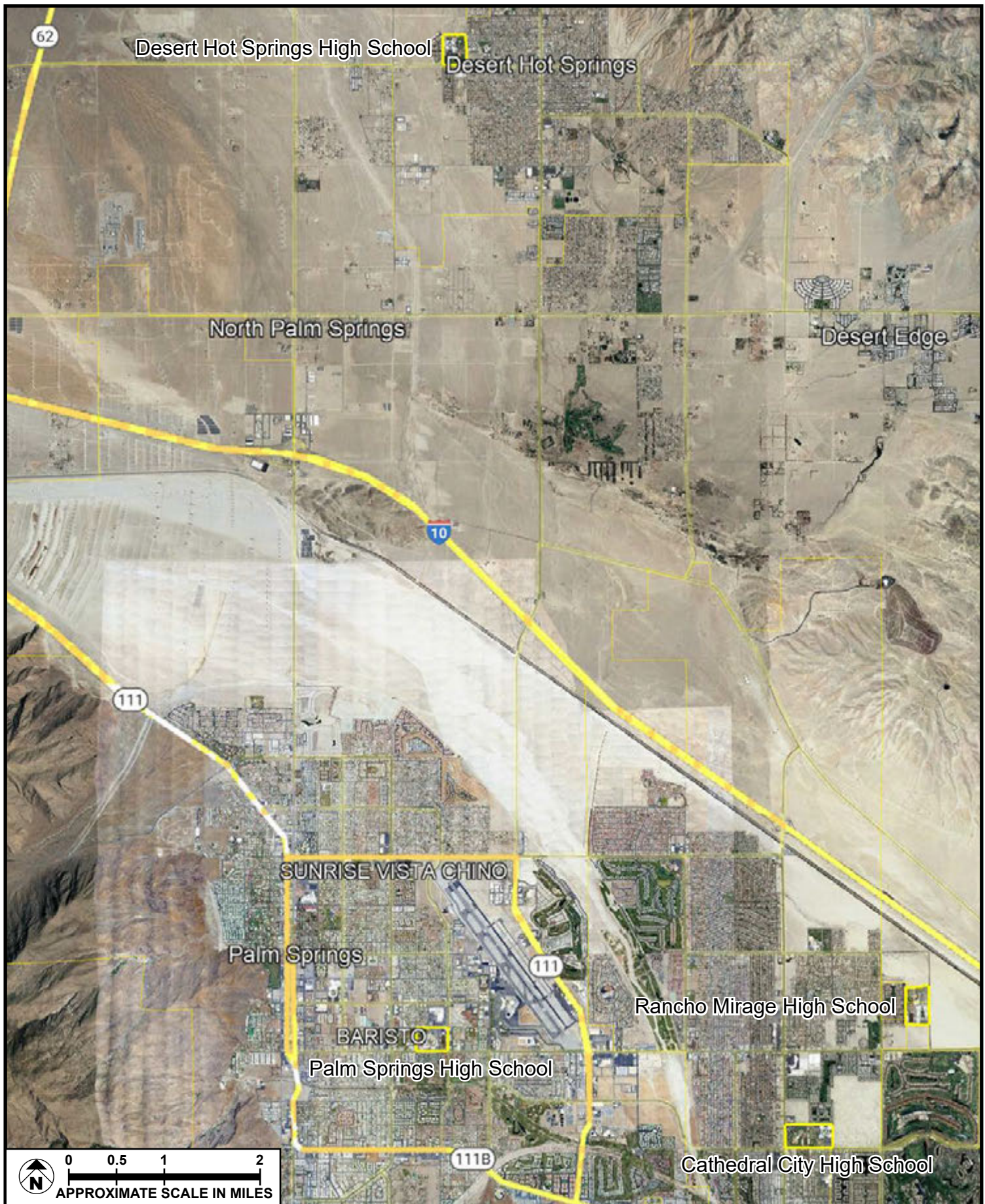


FIGURE 2

**Facilities  
Planning &  
Development***Julie Arthur, Executive Director*

March 22, 2023

Ms. Lacy Padilla, Archaeological Technician  
Agua Caliente Band of Cahuilla Indians  
5401 Dinah Shore Drive  
Palm Springs, CA 92264

**SUBJECT:** Formal Notification for the PSUSD Field Lighting Improvement Project pursuant to Public Resources Code Section 21080.3.1

**PROJECT:** Palm Springs Unified School District Athletic Field Lighting Improvements  
Rancho Mirage High School (RMHS), Palm Springs High School (PSHS), Desert Hot Springs High School (DHSHS), and Cathedral City High School (CCHS)

Dear Ms. Padilla,

The Palm Springs Unified School District (PSUSD) has proposed the Field Lighting Improvement Projects (Project) on the campuses of Rancho Mirage High School (RMHS), Palm Springs High School (PSHS), Desert Hot Springs High School (DHSHS), and Cathedral City High School (CCHS), and is providing written notice to the Agua Caliente Band of Cahuilla Indians Tribe in response to the Tribe's request for the notification of projects proposed within the District.

The proposed improvements would add field lighting on existing high school campuses within the cities of Rancho Mirage, Palm Springs, Desert Hot Springs, and Cathedral City. Please find below the description of the proposed Projects, maps showing the project locations and vicinity, as well as the name of our Project point of contact, pursuant to PRC Section 21080.3.1 (d).

**Project Description:** The District is proposing field lighting improvements at RMHS, PSHS, DHSHS, and CCHS campuses around the perimeter of the fields, as shown in **Figures 1a through 1d: Conceptual Project Rendering**.

The proposed lighting improvements of the athletic fields was prompted by the passage of Senate Bill (SB) 328, which requires high schools to start no earlier than 8:30 A.M. SB 328 affects sports activities which would require the athletic fields be lighted for evening use. The proposed lights would safely allow use of the athletic fields into the evening hours and the design meets the California Interscholastic Federation (CIF) recommended lighting levels.

*Ms. Lacy Padilla, Archaeological Technician, Agua Caliente Band of Cahuilla Indians*

**SUBJECT:** Formal Notification for the PSUSD Field Lighting Improvement Project pursuant to Public Resources Code Section 21080.3.1

The proposed Project is intended to expand the timing and use of the existing facilities for several sports (including baseball, softball, and soccer). By allowing evening-hour use, the high schools would provide enhanced opportunities for students to participate in school-sponsored sports while student-athletes, students, and all other attendees of nighttime games and practices.

The proposed lighting improvements would include LED lighting fixtures on poles ranging in height from 50 feet to 100 feet tall for the baseball, softball, and soccer fields across all four schools as well as the football stadium at PSHS campus, as shown in **Figures 1a through 1d**.

Construction activities would occur for approximately 6 to 9 months and would include the use of equipment such as backhoes, trenching machines, and cranes.

**Project Location:** RMHS campus is located at 31001 Rattler Road in the City of Rancho Mirage in the northern portion of the Coachella Valley within Riverside County, California, as shown in **Figure 2: Regional Location Map**. The RMHS campus is bounded by 30<sup>th</sup> Avenue to the north, Rattler Road to the east, Ramon Road to the south, and Da Vall Drive to the west. The RMHS campus is regionally accessible from State Route 111 (SR-111) and Interstate 10 (I-10). The Project Site includes an existing high school with associated sports fields.

PSHS campus is located at 2401 East Baristo Road in the City of Palm Springs in the northern portion of the Coachella Valley in Riverside County, California, as shown in **Figure 2**. The campus is bound by East Baristo Road to the north, South Farrell Drive to the east, Ramon Road to the south, and South Pavilion Way to the west. The PSHS campus is regionally accessible from SR-111 and I-10. The Project Site includes an existing high school with associated sports fields.

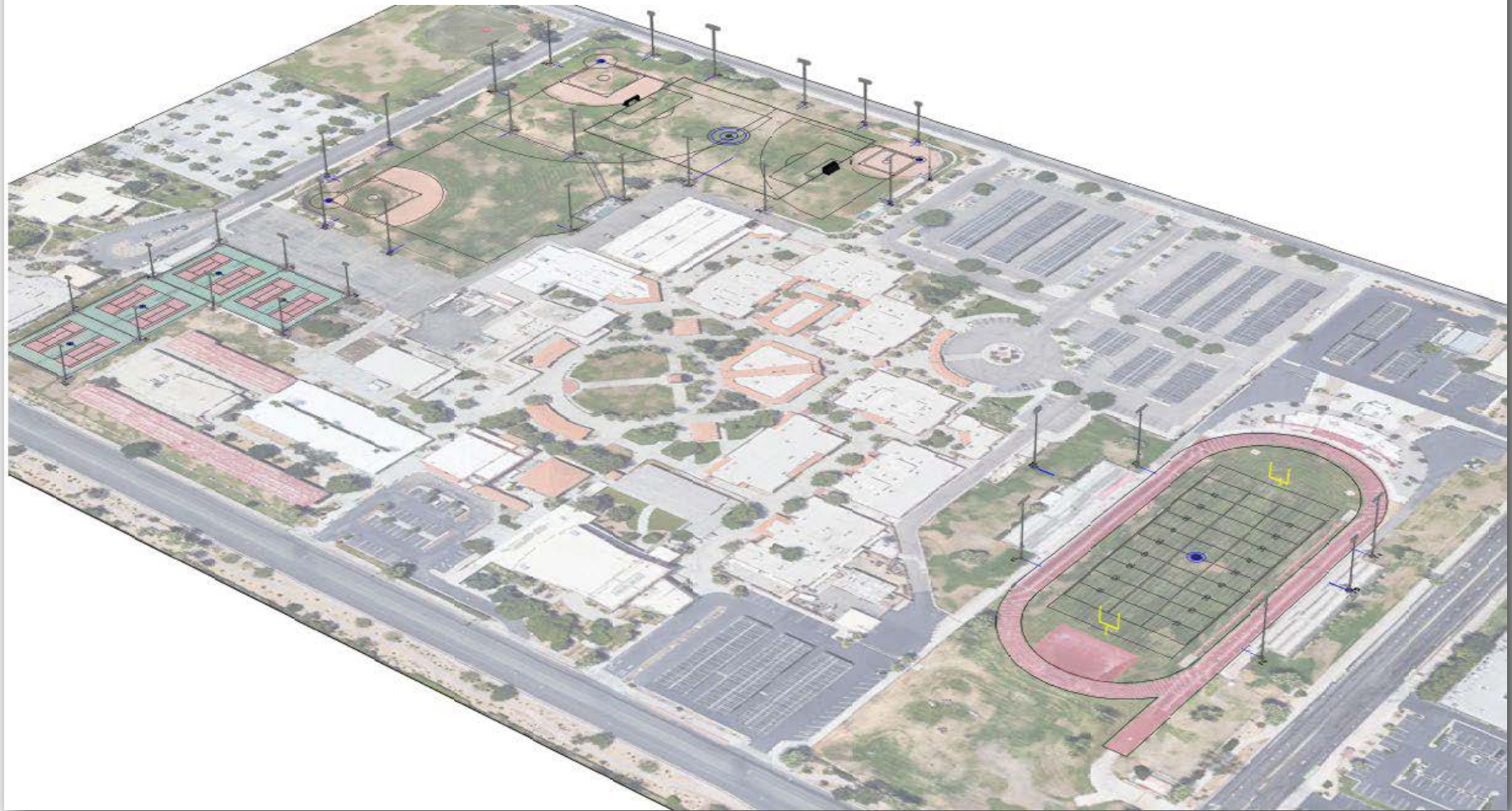
DHSHS campus is located at 65850 Pierson Boulevard in the City of Desert Hot Springs in the northern portion of the Coachella Valley in Riverside County, California, as shown in **Figure 2**. The DHSHS campus is bound by 5<sup>th</sup> Street to the north, Cholla Drive to the east, Pierson Blvd to the south, and Golden Eagle Way to the west. The DHSHS campus is regionally accessible by State Route 62 (SR-62) and I-10. The Project Site includes an existing high school with associated sports fields.

CCHS campus is located at 69250 Dinah Shore Drive in the City of Cathedral City in the northern portion of the Coachella Valley within Riverside County, California, as shown in **Figure 2**. The CCHS campus is located in the southern portion of the City of Cathedral City and is regionally accessible from SR-111 and I-10. The Project Site is bound by Dave Kelly Road to the north, Plumley Road to the east, Dinah Shore Drive to the south, and Date Palm Drive to the east. The Project Site includes an existing high school with associated sports fields.

Please send any request to have consultation to Ms. Julie Arthur at [jarthur@psud.us](mailto:jarthur@psud.us).

  
**Julie Arthur, Executive Director**  
Facilities Planning & Development

## Palm Springs High School – Proposed Lighting



SOURCE: Google Earth - 2023

FIGURE 1a

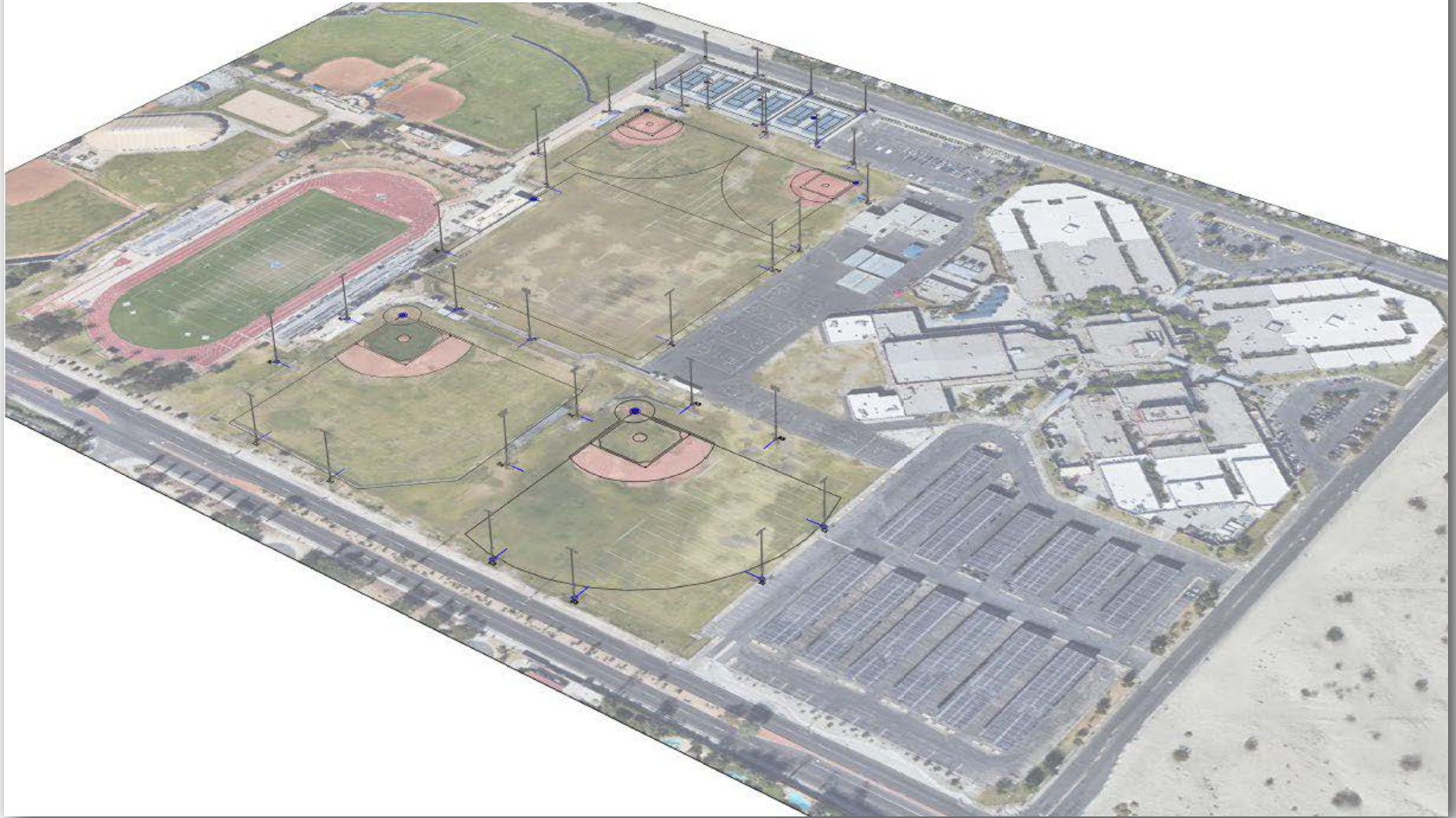
## Desert Hot Springs High School – Proposed Lighting



SOURCE: Google Earth - 2023

FIGURE 1b

## Cathedral City High School – Proposed Lighting



SOURCE: Google Earth - 2023

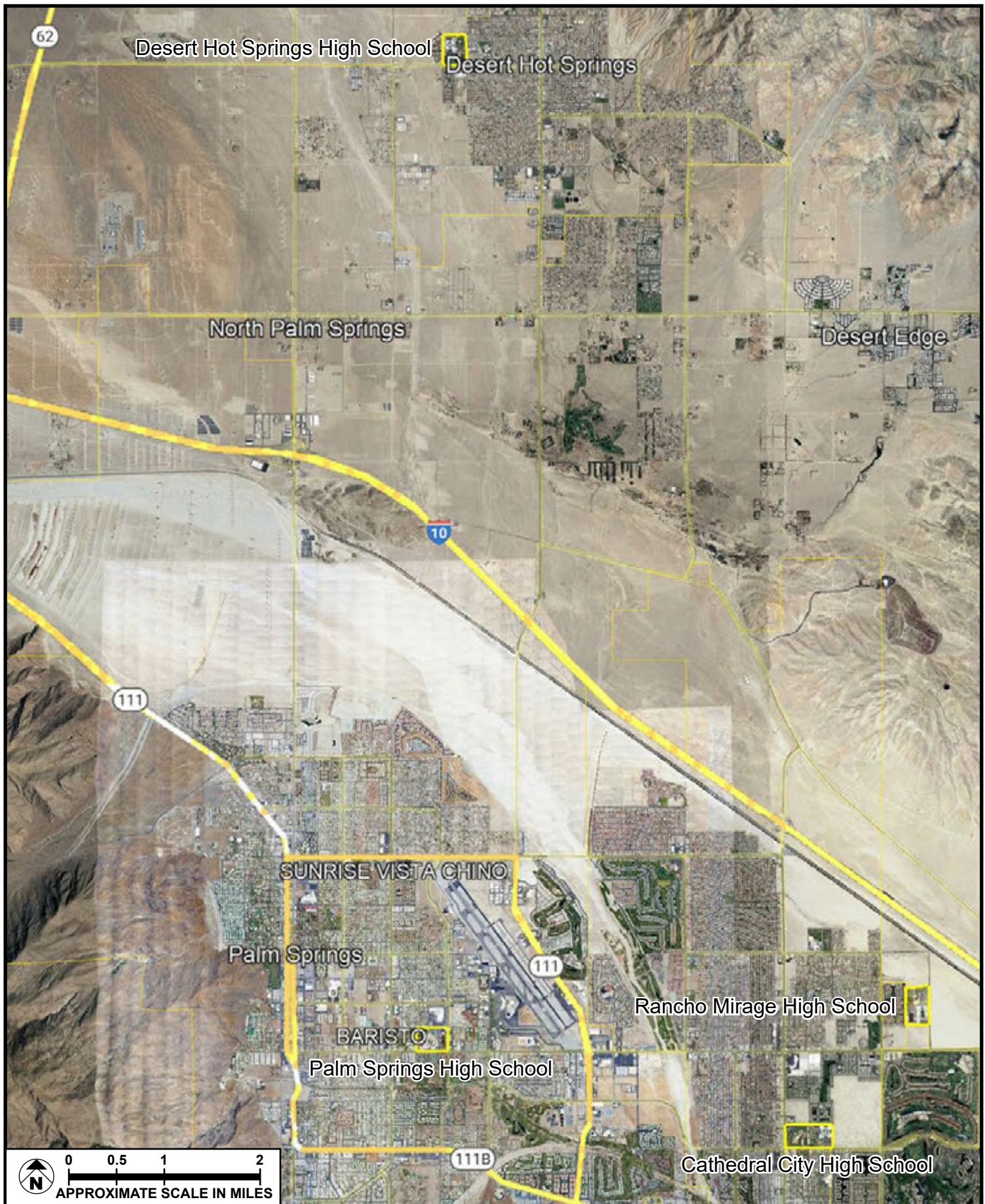
FIGURE 1c

## Rancho Mirage High School – Proposed Lighting



SOURCE: Google Earth - 2023

FIGURE 1d



SOURCE: Google Earth - 2023

FIGURE 2

# AGUA CALIENTE BAND OF CAHUILLA INDIANS

TRIBAL HISTORIC PRESERVATION



March 27, 2023

03-052-2023-001

[VIA EMAIL TO: jarthur@psusd.us]  
Palm Springs Unified School District (PSUSD)  
Ms. Julie Arthur  
980 E Tahquitz Canyon Way, Suite 202  
Rancho Mirage, CA 92262

## **Re: PSUSD Field Lighting Improvements**

Dear Ms. Julie Arthur,

The Agua Caliente Band of Cahuilla Indians (ACBCI) appreciates your efforts to include the Tribal Historic Preservation Office (THPO) in the PSUSD Field Lighting Improvement project. The project area is not located within the boundaries of the ACBCI Reservation. However, it is within the Tribe's Traditional Use Area. For this reason, the ACBCI THPO requests the following:

\*The presence of an approved Agua Caliente Native American Cultural Resource Monitor(s) during any ground disturbing activities (including archaeological testing and surveys). Should buried cultural deposits be encountered, the Monitor may request that destructive construction halt and the Monitor shall notify a Qualified Archaeologist (Secretary of the Interior's Standards and Guidelines) to investigate and, if necessary, prepare a mitigation plan for submission to the State Historic Preservation Officer and the Agua Caliente Tribal Historic Preservation Office.

Again, the Agua Caliente appreciates your interest in our cultural heritage. If you have questions or require additional information, please call me at (760) 423-3485. You may also email me at ACBCI-THPO@aguacaliente.net.

Cordially,

Xitlaly Madrigal  
Cultural Resources Analyst  
Tribal Historic Preservation Office  
AGUA CALIENTE BAND  
OF CAHUILLA INDIANS



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## **APPENDIX G**

### **Traffic Counts**

# Counts Unlimited, Inc.

City of Rancho Mirage  
Rattler Road  
N/ Ramon Road  
5 Day Directional Volume Count

PO Box 1178  
Corona, CA 92878  
Phone: (951) 268-6268  
email: counts@countsunlimited.com

RNM001  
Site Code: 999-23748

| Start Time     | 8/28/23 Mon | Northbound |           | Hour Totals |           | Southbound |           | Hour Totals |           | Combined Totals |           |
|----------------|-------------|------------|-----------|-------------|-----------|------------|-----------|-------------|-----------|-----------------|-----------|
|                |             | Morning    | Afternoon | Morning     | Afternoon | Morning    | Afternoon | Morning     | Afternoon | Morning         | Afternoon |
| 12:00          |             | 1          | 5         |             |           | 1          | 9         |             |           |                 |           |
| 12:15          |             | 0          | 9         |             |           | 0          | 4         |             |           |                 |           |
| 12:30          |             | 1          | 8         |             |           | 0          | 16        |             |           |                 |           |
| 12:45          |             | 0          | 7         | 2           | 29        | 0          | 6         | 1           | 35        | 3               | 64        |
| 01:00          |             | 0          | 8         |             |           | 0          | 10        |             |           |                 |           |
| 01:15          |             | 0          | 11        |             |           | 0          | 5         |             |           |                 |           |
| 01:30          |             | 1          | 4         |             |           | 1          | 12        |             |           |                 |           |
| 01:45          |             | 0          | 5         | 1           | 28        | 0          | 8         | 1           | 35        | 2               | 63        |
| 02:00          |             | 0          | 11        |             |           | 0          | 7         |             |           |                 |           |
| 02:15          |             | 0          | 13        |             |           | 0          | 11        |             |           |                 |           |
| 02:30          |             | 0          | 20        |             |           | 0          | 20        |             |           |                 |           |
| 02:45          |             | 0          | 17        | 0           | 61        | 0          | 16        | 0           | 54        | 0               | 115       |
| 03:00          |             | 0          | 19        |             |           | 0          | 12        |             |           |                 |           |
| 03:15          |             | 0          | 84        |             |           | 1          | 7         |             |           |                 |           |
| 03:30          |             | 0          | 123       |             |           | 0          | 46        |             |           |                 |           |
| 03:45          |             | 0          | 89        | 0           | 315       | 1          | 255       | 2           | 320       | 2               | 635       |
| 04:00          |             | 0          | 48        |             |           | 0          | 152       |             |           |                 |           |
| 04:15          |             | 0          | 24        |             |           | 1          | 42        |             |           |                 |           |
| 04:30          |             | 0          | 8         |             |           | 2          | 29        |             |           |                 |           |
| 04:45          |             | 0          | 11        | 0           | 91        | 0          | 14        | 3           | 237       | 3               | 328       |
| 05:00          |             | 2          | 17        |             |           | 2          | 25        |             |           |                 |           |
| 05:15          |             | 0          | 20        |             |           | 0          | 28        |             |           |                 |           |
| 05:30          |             | 1          | 19        |             |           | 1          | 8         |             |           |                 |           |
| 05:45          |             | 2          | 23        | 5           | 79        | 2          | 11        | 5           | 72        | 10              | 151       |
| 06:00          |             | 0          | 29        |             |           | 1          | 44        |             |           |                 |           |
| 06:15          |             | 13         | 23        |             |           | 7          | 23        |             |           |                 |           |
| 06:30          |             | 9          | 17        |             |           | 9          | 15        |             |           |                 |           |
| 06:45          |             | 7          | 14        | 29          | 83        | 8          | 37        | 25          | 119       | 54              | 202       |
| 07:00          |             | 9          | 10        |             |           | 8          | 11        |             |           |                 |           |
| 07:15          |             | 14         | 5         |             |           | 12         | 13        |             |           |                 |           |
| 07:30          |             | 38         | 3         |             |           | 22         | 4         |             |           |                 |           |
| 07:45          |             | 62         | 5         | 123         | 23        | 37         | 0         | 79          | 28        | 202             | 51        |
| 08:00          |             | 80         | 1         |             |           | 63         | 1         |             |           |                 |           |
| 08:15          |             | 144        | 4         |             |           | 139        | 1         |             |           |                 |           |
| 08:30          |             | 174        | 2         |             |           | 164        | 0         |             |           |                 |           |
| 08:45          |             | 41         | 2         | 439         | 9         | 136        | 1         | 502         | 3         | 941             | 12        |
| 09:00          |             | 9          | 12        |             |           | 16         | 3         |             |           |                 |           |
| 09:15          |             | 7          | 0         |             |           | 6          | 9         |             |           |                 |           |
| 09:30          |             | 16         | 1         |             |           | 8          | 0         |             |           |                 |           |
| 09:45          |             | 14         | 1         | 46          | 14        | 12         | 0         | 42          | 12        | 88              | 26        |
| 10:00          |             | 4          | 0         |             |           | 10         | 0         |             |           |                 |           |
| 10:15          |             | 3          | 1         |             |           | 6          | 3         |             |           |                 |           |
| 10:30          |             | 6          | 0         |             |           | 9          | 2         |             |           |                 |           |
| 10:45          |             | 8          | 0         | 21          | 1         | 5          | 1         | 30          | 6         | 51              | 7         |
| 11:00          |             | 3          | 1         |             |           | 6          | 2         |             |           |                 |           |
| 11:15          |             | 10         | 0         |             |           | 8          | 3         |             |           |                 |           |
| 11:30          |             | 8          | 1         |             |           | 6          | 0         |             |           |                 |           |
| 11:45          |             | 3          | 1         | 24          | 3         | 11         | 1         | 31          | 6         | 55              | 9         |
| Total          |             | 690        | 736       | 690         | 736       | 721        | 927       | 721         | 927       | 1411            | 1663      |
| Combined Total |             | 1426       |           | 1426        |           | 1648       |           | 1648        |           | 3074            |           |
| AM Peak        | -           | 07:45      | -         | -           | -         | 08:00      | -         | -           | -         | -               | -         |
| Vol.           | -           | 460        | -         | -           | -         | 502        | -         | -           | -         | -               | -         |
| P.H.F.         |             | 0.661      |           |             |           | 0.765      |           |             |           |                 |           |
| PM Peak        | -           | -          | 03:15     | -           | -         | -          | 03:30     | -           | -         | -               | -         |
| Vol.           | -           | -          | 344       | -           | -         | -          | 495       | -           | -         | -               | -         |
| P.H.F.         |             |            | 0.699     |             |           |            | 0.485     |             |           |                 |           |
| Percentage     |             | 48.4%      | 51.6%     |             |           | 43.8%      | 56.3%     |             |           |                 |           |

# Counts Unlimited, Inc.

City of Rancho Mirage  
Rattler Road  
N/ Ramon Road  
5 Day Directional Volume Count

PO Box 1178  
Corona, CA 92878  
Phone: (951) 268-6268  
email: counts@countsunlimited.com

RNM001  
Site Code: 999-23748

| Start Time     | 8/29/23<br>Tue | Northbound |           | Hour Totals |           | Southbound |           | Hour Totals |           | Combined Totals |           |
|----------------|----------------|------------|-----------|-------------|-----------|------------|-----------|-------------|-----------|-----------------|-----------|
|                |                | Morning    | Afternoon | Morning     | Afternoon | Morning    | Afternoon | Morning     | Afternoon | Morning         | Afternoon |
| 12:00          |                | 0          | 3         |             |           | 0          | 4         |             |           |                 |           |
| 12:15          |                | 0          | 7         |             |           | 1          | 7         |             |           |                 |           |
| 12:30          |                | 2          | 6         |             |           | 0          | 6         |             |           |                 |           |
| 12:45          |                | 0          | 9         | 2           | 25        | 0          | 3         | 1           | 20        | 3               | 45        |
| 01:00          |                | 0          | 5         |             |           | 0          | 8         |             |           |                 |           |
| 01:15          |                | 0          | 8         |             |           | 0          | 9         |             |           |                 |           |
| 01:30          |                | 0          | 8         |             |           | 0          | 8         |             |           |                 |           |
| 01:45          |                | 0          | 7         | 0           | 28        | 1          | 8         | 1           | 33        | 1               | 61        |
| 02:00          |                | 0          | 9         |             |           | 0          | 9         |             |           |                 |           |
| 02:15          |                | 0          | 14        |             |           | 0          | 9         |             |           |                 |           |
| 02:30          |                | 0          | 11        |             |           | 0          | 24        |             |           |                 |           |
| 02:45          |                | 0          | 9         | 0           | 43        | 0          | 14        | 0           | 56        | 0               | 99        |
| 03:00          |                | 0          | 24        |             |           | 0          | 14        |             |           |                 |           |
| 03:15          |                | 0          | 82        |             |           | 0          | 7         |             |           |                 |           |
| 03:30          |                | 0          | 137       |             |           | 1          | 55        |             |           |                 |           |
| 03:45          |                | 0          | 97        | 0           | 340       | 1          | 266       | 2           | 342       | 2               | 682       |
| 04:00          |                | 0          | 54        |             |           | 1          | 158       |             |           |                 |           |
| 04:15          |                | 0          | 25        |             |           | 1          | 39        |             |           |                 |           |
| 04:30          |                | 0          | 19        |             |           | 1          | 24        |             |           |                 |           |
| 04:45          |                | 0          | 22        | 0           | 120       | 0          | 25        | 3           | 246       | 3               | 366       |
| 05:00          |                | 0          | 10        |             |           | 2          | 24        |             |           |                 |           |
| 05:15          |                | 0          | 23        |             |           | 0          | 23        |             |           |                 |           |
| 05:30          |                | 0          | 12        |             |           | 0          | 18        |             |           |                 |           |
| 05:45          |                | 1          | 22        | 1           | 67        | 1          | 7         | 3           | 72        | 4               | 139       |
| 06:00          |                | 1          | 29        |             |           | 5          | 26        |             |           |                 |           |
| 06:15          |                | 6          | 29        |             |           | 0          | 18        |             |           |                 |           |
| 06:30          |                | 10         | 23        |             |           | 14         | 45        |             |           |                 |           |
| 06:45          |                | 4          | 21        | 21          | 102       | 11         | 14        | 30          | 103       | 51              | 205       |
| 07:00          |                | 8          | 18        |             |           | 8          | 10        |             |           |                 |           |
| 07:15          |                | 19         | 8         |             |           | 17         | 22        |             |           |                 |           |
| 07:30          |                | 30         | 4         |             |           | 26         | 11        |             |           |                 |           |
| 07:45          |                | 61         | 5         | 118         | 35        | 46         | 6         | 97          | 49        | 215             | 84        |
| 08:00          |                | 91         | 6         |             |           | 70         | 4         |             |           |                 |           |
| 08:15          |                | 168        | 9         |             |           | 146        | 10        |             |           |                 |           |
| 08:30          |                | 144        | 1         |             |           | 165        | 10        |             |           |                 |           |
| 08:45          |                | 51         | 2         | 454         | 18        | 119        | 11        | 500         | 35        | 954             | 53        |
| 09:00          |                | 17         | 2         |             |           | 24         | 2         |             |           |                 |           |
| 09:15          |                | 3          | 3         |             |           | 8          | 2         |             |           |                 |           |
| 09:30          |                | 13         | 0         |             |           | 13         | 1         |             |           |                 |           |
| 09:45          |                | 11         | 0         | 44          | 5         | 13         | 2         | 58          | 7         | 102             | 12        |
| 10:00          |                | 8          | 1         |             |           | 6          | 1         |             |           |                 |           |
| 10:15          |                | 2          | 1         |             |           | 6          | 0         |             |           |                 |           |
| 10:30          |                | 5          | 0         |             |           | 6          | 3         |             |           |                 |           |
| 10:45          |                | 11         | 1         | 26          | 3         | 6          | 0         | 24          | 4         | 50              | 7         |
| 11:00          |                | 4          | 1         |             |           | 10         | 4         |             |           |                 |           |
| 11:15          |                | 7          | 0         |             |           | 12         | 0         |             |           |                 |           |
| 11:30          |                | 7          | 1         |             |           | 3          | 1         |             |           |                 |           |
| 11:45          |                | 1          | 0         | 19          | 2         | 4          | 0         | 29          | 5         | 48              | 7         |
| Total          |                | 685        | 788       | 685         | 788       | 748        | 972       | 748         | 972       | 1433            | 1760      |
| Combined Total |                | 1473       |           | 1473        |           | 1720       |           | 1720        |           | 3193            |           |
| AM Peak        | -              | 07:45      | -         | -           | -         | 08:00      | -         | -           | -         | -               | -         |
| Vol.           | -              | 464        | -         | -           | -         | 500        | -         | -           | -         | -               | -         |
| P.H.F.         |                | 0.690      |           |             |           | 0.758      |           |             |           |                 |           |
| PM Peak        | -              | -          | 03:15     | -           | -         | -          | 03:30     | -           | -         | -               | -         |
| Vol.           | -              | -          | 370       | -           | -         | -          | 518       | -           | -         | -               | -         |
| P.H.F.         |                |            | 0.675     |             |           |            | 0.487     |             |           |                 |           |
| Percentage     |                | 46.5%      | 53.5%     |             |           | 43.5%      | 56.5%     |             |           |                 |           |

# Counts Unlimited, Inc.

City of Rancho Mirage  
Rattler Road  
N/ Ramon Road  
5 Day Directional Volume Count

PO Box 1178  
Corona, CA 92878  
Phone: (951) 268-6268  
email: counts@countsunlimited.com

RNM001  
Site Code: 999-23748

| Start Time     | 8/30/23<br>Wed | Northbound |           | Hour Totals |           | Southbound |           | Hour Totals |           | Combined Totals |           |
|----------------|----------------|------------|-----------|-------------|-----------|------------|-----------|-------------|-----------|-----------------|-----------|
|                |                | Morning    | Afternoon | Morning     | Afternoon | Morning    | Afternoon | Morning     | Afternoon | Morning         | Afternoon |
| 12:00          |                | 1          | 116       |             |           | 2          | 219       |             |           |                 |           |
| 12:15          |                | 1          | 42        |             |           | 0          | 46        |             |           |                 |           |
| 12:30          |                | 2          | 26        |             |           | 1          | 17        |             |           |                 |           |
| 12:45          |                | 1          | 13        | 5           | 197       | 2          | 14        | 5           | 296       | 10              | 493       |
| 01:00          |                | 0          | 14        |             |           | 0          | 10        |             |           |                 |           |
| 01:15          |                | 0          | 4         |             |           | 0          | 4         |             |           |                 |           |
| 01:30          |                | 0          | 3         |             |           | 0          | 9         |             |           |                 |           |
| 01:45          |                | 1          | 6         | 1           | 27        | 0          | 6         | 0           | 29        | 1               | 56        |
| 02:00          |                | 0          | 6         |             |           | 0          | 6         |             |           |                 |           |
| 02:15          |                | 0          | 6         |             |           | 0          | 9         |             |           |                 |           |
| 02:30          |                | 2          | 7         |             |           | 0          | 10        |             |           |                 |           |
| 02:45          |                | 0          | 8         | 2           | 27        | 1          | 1         | 1           | 26        | 3               | 53        |
| 03:00          |                | 1          | 3         |             |           | 0          | 5         |             |           |                 |           |
| 03:15          |                | 0          | 6         |             |           | 0          | 9         |             |           |                 |           |
| 03:30          |                | 0          | 6         |             |           | 0          | 15        |             |           |                 |           |
| 03:45          |                | 0          | 8         | 1           | 23        | 0          | 12        | 0           | 41        | 1               | 64        |
| 04:00          |                | 1          | 10        |             |           | 0          | 12        |             |           |                 |           |
| 04:15          |                | 0          | 13        |             |           | 0          | 12        |             |           |                 |           |
| 04:30          |                | 0          | 17        |             |           | 0          | 16        |             |           |                 |           |
| 04:45          |                | 0          | 32        | 1           | 72        | 0          | 21        | 0           | 61        | 1               | 133       |
| 05:00          |                | 0          | 77        |             |           | 0          | 12        |             |           |                 |           |
| 05:15          |                | 0          | 133       |             |           | 1          | 49        |             |           |                 |           |
| 05:30          |                | 0          | 108       |             |           | 2          | 250       |             |           |                 |           |
| 05:45          |                | 0          | 67        | 0           | 385       | 0          | 143       | 3           | 454       | 3               | 839       |
| 06:00          |                | 0          | 39        |             |           | 0          | 52        |             |           |                 |           |
| 06:15          |                | 0          | 26        |             |           | 1          | 30        |             |           |                 |           |
| 06:30          |                | 0          | 25        |             |           | 0          | 24        |             |           |                 |           |
| 06:45          |                | 0          | 28        | 0           | 118       | 0          | 21        | 1           | 127       | 1               | 245       |
| 07:00          |                | 0          | 32        |             |           | 3          | 37        |             |           |                 |           |
| 07:15          |                | 0          | 32        |             |           | 0          | 27        |             |           |                 |           |
| 07:30          |                | 2          | 31        |             |           | 1          | 38        |             |           |                 |           |
| 07:45          |                | 1          | 30        | 3           | 125       | 2          | 29        | 6           | 131       | 9               | 256       |
| 08:00          |                | 6          | 31        |             |           | 1          | 15        |             |           |                 |           |
| 08:15          |                | 4          | 14        |             |           | 6          | 22        |             |           |                 |           |
| 08:30          |                | 3          | 20        |             |           | 7          | 30        |             |           |                 |           |
| 08:45          |                | 10         | 20        | 23          | 85        | 8          | 43        | 22          | 110       | 45              | 195       |
| 09:00          |                | 14         | 20        |             |           | 9          | 77        |             |           |                 |           |
| 09:15          |                | 13         | 10        |             |           | 9          | 38        |             |           |                 |           |
| 09:30          |                | 37         | 1         |             |           | 15         | 17        |             |           |                 |           |
| 09:45          |                | 34         | 1         | 98          | 32        | 12         | 2         | 45          | 134       | 143             | 166       |
| 10:00          |                | 42         | 3         |             |           | 25         | 6         |             |           |                 |           |
| 10:15          |                | 18         | 3         |             |           | 18         | 0         |             |           |                 |           |
| 10:30          |                | 14         | 1         |             |           | 12         | 0         |             |           |                 |           |
| 10:45          |                | 26         | 0         | 100         | 7         | 23         | 1         | 78          | 7         | 178             | 14        |
| 11:00          |                | 21         | 0         |             |           | 18         | 1         |             |           |                 |           |
| 11:15          |                | 45         | 2         |             |           | 38         | 1         |             |           |                 |           |
| 11:30          |                | 104        | 1         |             |           | 99         | 3         |             |           |                 |           |
| 11:45          |                | 158        | 3         | 328         | 6         | 154        | 3         | 309         | 8         | 637             | 14        |
| Total          |                | 562        | 1104      | 562         | 1104      | 470        | 1424      | 470         | 1424      | 1032            | 2528      |
| Combined Total |                | 1666       |           | 1666        |           | 1894       |           | 1894        |           | 3560            |           |
| AM Peak        | -              | 11:00      | -         | -           | -         | 11:00      | -         | -           | -         | -               | -         |
| Vol.           | -              | 328        | -         | -           | -         | 309        | -         | -           | -         | -               | -         |
| P.H.F.         |                | 0.519      |           |             |           | 0.502      |           |             |           |                 |           |
| PM Peak        | -              | -          | 05:00     | -           | -         | -          | 05:15     | -           | -         | -               | -         |
| Vol.           | -              | -          | 385       | -           | -         | -          | 494       | -           | -         | -               | -         |
| P.H.F.         |                |            | 0.724     |             |           |            | 0.494     |             |           |                 |           |
| Percentage     |                | 33.7%      | 66.3%     |             |           | 24.8%      | 75.2%     |             |           |                 |           |

# Counts Unlimited, Inc.

City of Rancho Mirage  
Rattler Road  
N/ Ramon Road  
5 Day Directional Volume Count

PO Box 1178  
Corona, CA 92878  
Phone: (951) 268-6268  
email: counts@countsunlimited.com

RNM001  
Site Code: 999-23748

| Start Time     | 8/31/23<br>Thu | Northbound |           | Hour Totals |           | Southbound |           | Hour Totals |           | Combined Totals |           |
|----------------|----------------|------------|-----------|-------------|-----------|------------|-----------|-------------|-----------|-----------------|-----------|
|                |                | Morning    | Afternoon | Morning     | Afternoon | Morning    | Afternoon | Morning     | Afternoon | Morning         | Afternoon |
| 12:00          |                | 1          | 7         |             |           | 0          | 6         |             |           |                 |           |
| 12:15          |                | 2          | 7         |             |           | 0          | 7         |             |           |                 |           |
| 12:30          |                | 0          | 14        |             |           | 3          | 8         |             |           |                 |           |
| 12:45          |                | 0          | 4         | 3           | 32        | 0          | 4         | 3           | 25        | 6               | 57        |
| 01:00          |                | 0          | 10        |             |           | 0          | 6         |             |           |                 |           |
| 01:15          |                | 0          | 8         |             |           | 1          | 7         |             |           |                 |           |
| 01:30          |                | 2          | 11        |             |           | 1          | 13        |             |           |                 |           |
| 01:45          |                | 0          | 4         | 2           | 33        | 1          | 5         | 3           | 31        | 5               | 64        |
| 02:00          |                | 0          | 8         |             |           | 1          | 8         |             |           |                 |           |
| 02:15          |                | 0          | 12        |             |           | 1          | 14        |             |           |                 |           |
| 02:30          |                | 0          | 22        |             |           | 0          | 15        |             |           |                 |           |
| 02:45          |                | 0          | 18        | 0           | 60        | 1          | 21        | 3           | 58        | 3               | 118       |
| 03:00          |                | 1          | 11        |             |           | 0          | 18        |             |           |                 |           |
| 03:15          |                | 1          | 10        |             |           | 0          | 75        |             |           |                 |           |
| 03:30          |                | 0          | 44        |             |           | 0          | 139       |             |           |                 |           |
| 03:45          |                | 0          | 262       | 2           | 327       | 0          | 98        | 0           | 330       | 2               | 657       |
| 04:00          |                | 0          | 171       |             |           | 0          | 53        |             |           |                 |           |
| 04:15          |                | 1          | 40        |             |           | 0          | 19        |             |           |                 |           |
| 04:30          |                | 0          | 33        |             |           | 0          | 22        |             |           |                 |           |
| 04:45          |                | 0          | 20        | 1           | 264       | 0          | 13        | 0           | 107       | 1               | 371       |
| 05:00          |                | 2          | 16        |             |           | 1          | 22        |             |           |                 |           |
| 05:15          |                | 0          | 18        |             |           | 0          | 15        |             |           |                 |           |
| 05:30          |                | 1          | 11        |             |           | 0          | 33        |             |           |                 |           |
| 05:45          |                | 0          | 14        | 3           | 59        | 2          | 29        | 3           | 99        | 6               | 158       |
| 06:00          |                | 4          | 21        |             |           | 4          | 24        |             |           |                 |           |
| 06:15          |                | 3          | 22        |             |           | 10         | 39        |             |           |                 |           |
| 06:30          |                | 11         | 11        |             |           | 5          | 43        |             |           |                 |           |
| 06:45          |                | 6          | 23        | 24          | 77        | 9          | 47        | 28          | 153       | 52              | 230       |
| 07:00          |                | 9          | 28        |             |           | 11         | 46        |             |           |                 |           |
| 07:15          |                | 17         | 31        |             |           | 15         | 33        |             |           |                 |           |
| 07:30          |                | 31         | 8         |             |           | 36         | 24        |             |           |                 |           |
| 07:45          |                | 31         | 14        | 88          | 81        | 44         | 16        | 106         | 119       | 194             | 200       |
| 08:00          |                | 75         | 11        |             |           | 99         | 14        |             |           |                 |           |
| 08:15          |                | 165        | 14        |             |           | 168        | 6         |             |           |                 |           |
| 08:30          |                | 195        | 18        |             |           | 153        | 11        |             |           |                 |           |
| 08:45          |                | 124        | 14        | 559         | 57        | 44         | 10        | 464         | 41        | 1023            | 98        |
| 09:00          |                | 21         | 26        |             |           | 12         | 17        |             |           |                 |           |
| 09:15          |                | 5          | 28        |             |           | 7          | 11        |             |           |                 |           |
| 09:30          |                | 17         | 92        |             |           | 21         | 26        |             |           |                 |           |
| 09:45          |                | 13         | 111       | 56          | 257       | 8          | 34        | 48          | 88        | 104             | 345       |
| 10:00          |                | 10         | 57        |             |           | 4          | 15        |             |           |                 |           |
| 10:15          |                | 8          | 17        |             |           | 5          | 2         |             |           |                 |           |
| 10:30          |                | 4          | 13        |             |           | 10         | 4         |             |           |                 |           |
| 10:45          |                | 13         | 2         | 35          | 89        | 5          | 0         | 24          | 21        | 59              | 110       |
| 11:00          |                | 9          | 4         |             |           | 3          | 1         |             |           |                 |           |
| 11:15          |                | 7          | 0         |             |           | 8          | 0         |             |           |                 |           |
| 11:30          |                | 2          | 0         |             |           | 5          | 0         |             |           |                 |           |
| 11:45          |                | 12         | 0         | 30          | 4         | 6          | 0         | 22          | 1         | 52              | 5         |
| Total          |                | 803        | 1340      | 803         | 1340      | 704        | 1073      | 704         | 1073      | 1507            | 2413      |
| Combined Total |                | 2143       |           | 2143        |           | 1777       |           | 1777        |           | 3920            |           |
| AM Peak        | -              | 08:00      | -         | -           | -         | 07:45      | -         | -           | -         | -               | -         |
| Vol.           | -              | 559        | -         | -           | -         | 464        | -         | -           | -         | -               | -         |
| P.H.F.         |                | 0.717      |           |             |           | 0.690      |           |             |           |                 |           |
| PM Peak        | -              | -          | 03:30     | -           | -         | -          | 03:15     | -           | -         | -               | -         |
| Vol.           | -              | -          | 517       | -           | -         | -          | 365       | -           | -         | -               | -         |
| P.H.F.         |                |            | 0.493     |             |           |            | 0.656     |             |           |                 |           |
| Percentage     |                | 37.5%      | 62.5%     |             |           | 39.6%      | 60.4%     |             |           |                 |           |

# Counts Unlimited, Inc.

City of Rancho Mirage  
Rattler Road  
N/ Ramon Road  
5 Day Directional Volume Count

PO Box 1178  
Corona, CA 92878  
Phone: (951) 268-6268  
email: counts@countsunlimited.com

RNM001  
Site Code: 999-23748

| Start Time     | 9/1/23 Fri | Northbound |            | Hour Totals |           | Southbound |           | Hour Totals |           | Combined Totals |           |
|----------------|------------|------------|------------|-------------|-----------|------------|-----------|-------------|-----------|-----------------|-----------|
|                |            | Morning    | Afternoon  | Morning     | Afternoon | Morning    | Afternoon | Morning     | Afternoon | Morning         | Afternoon |
| 12:00          |            | 1          | 15         |             |           | 0          | 4         |             |           |                 |           |
| 12:15          |            | 0          | 6          |             |           | 0          | 5         |             |           |                 |           |
| 12:30          |            | 0          | 7          |             |           | 0          | 0         |             |           |                 |           |
| 12:45          |            | 1          | 9          | 2           | 37        | 2          | 9         | 2           | 18        | 4               | 55        |
| 01:00          |            | 0          | 15         |             |           | 0          | 9         |             |           |                 |           |
| 01:15          |            | 0          | 9          |             |           | 0          | 8         |             |           |                 |           |
| 01:30          |            | 0          | 7          |             |           | 1          | 6         |             |           |                 |           |
| 01:45          |            | 1          | 6          | 1           | 37        | 0          | 7         | 1           | 30        | 2               | 67        |
| 02:00          |            | 0          | 15         |             |           | 0          | 8         |             |           |                 |           |
| 02:15          |            | 2          | 15         |             |           | 1          | 13        |             |           |                 |           |
| 02:30          |            | 0          | 17         |             |           | 0          | 11        |             |           |                 |           |
| 02:45          |            | 0          | 14         | 2           | 61        | 0          | 12        | 1           | 44        | 3               | 105       |
| 03:00          |            | 0          | 16         |             |           | 0          | 23        |             |           |                 |           |
| 03:15          |            | 1          | 10         |             |           | 0          | 74        |             |           |                 |           |
| 03:30          |            | 0          | 51         |             |           | 0          | 133       |             |           |                 |           |
| 03:45          |            | 0          | 235        | 1           | 312       | 0          | 77        | 0           | 307       | 1               | 619       |
| 04:00          |            | 0          | 166        |             |           | 0          | 54        |             |           |                 |           |
| 04:15          |            | 1          | 55         |             |           | 0          | 28        |             |           |                 |           |
| 04:30          |            | 0          | 26         |             |           | 0          | 11        |             |           |                 |           |
| 04:45          |            | 0          | 23         | 1           | 270       | 0          | 8         | 0           | 101       | 1               | 371       |
| 05:00          |            | 2          | 30         |             |           | 0          | 27        |             |           |                 |           |
| 05:15          |            | 0          | 33         |             |           | 0          | 25        |             |           |                 |           |
| 05:30          |            | 1          | 29         |             |           | 0          | 20        |             |           |                 |           |
| 05:45          |            | 1          | 13         | 4           | 105       | 1          | 10        | 1           | 82        | 5               | 187       |
| 06:00          |            | 3          | 14         |             |           | 2          | 4         |             |           |                 |           |
| 06:15          |            | 3          | 5          |             |           | 7          | 2         |             |           |                 |           |
| 06:30          |            | 10         | 5          |             |           | 8          | 4         |             |           |                 |           |
| 06:45          |            | 9          | 6          | 25          | 30        | 7          | 3         | 24          | 13        | 49              | 43        |
| 07:00          |            | 6          | 3          |             |           | 5          | 5         |             |           |                 |           |
| 07:15          |            | 17         | 4          |             |           | 19         | 3         |             |           |                 |           |
| 07:30          |            | 28         | 1          |             |           | 38         | 1         |             |           |                 |           |
| 07:45          |            | 45         | 0          | 96          | 8         | 48         | 1         | 110         | 10        | 206             | 18        |
| 08:00          |            | 63         | 0          |             |           | 85         | 0         |             |           |                 |           |
| 08:15          |            | 157        | 0          |             |           | 194        | 0         |             |           |                 |           |
| 08:30          |            | 180        | 1          |             |           | 131        | 0         |             |           |                 |           |
| 08:45          |            | 109        | 0          | 509         | 1         | 47         | 1         | 457         | 1         | 966             | 2         |
| 09:00          |            | 19         | 0          |             |           | 13         | 1         |             |           |                 |           |
| 09:15          |            | 10         | 2          |             |           | 9          | 2         |             |           |                 |           |
| 09:30          |            | 17         | 1          |             |           | 16         | 1         |             |           |                 |           |
| 09:45          |            | 12         | 2          | 58          | 5         | 12         | 0         | 50          | 4         | 108             | 9         |
| 10:00          |            | 10         | 1          |             |           | 6          | 2         |             |           |                 |           |
| 10:15          |            | 5          | 0          |             |           | 2          | 1         |             |           |                 |           |
| 10:30          |            | 6          | 0          |             |           | 8          | 1         |             |           |                 |           |
| 10:45          |            | 9          | 1          | 30          | 2         | 9          | 1         | 25          | 5         | 55              | 7         |
| 11:00          |            | 6          | 4          |             |           | 7          | 2         |             |           |                 |           |
| 11:15          |            | 4          | 1          |             |           | 5          | 2         |             |           |                 |           |
| 11:30          |            | 6          | 0          |             |           | 12         | 1         |             |           |                 |           |
| 11:45          |            | 7          | 0          | 23          | 5         | 6          | 0         | 30          | 5         | 53              | 10        |
| Total          |            | 752        | 873        | 752         | 873       | 701        | 620       | 701         | 620       | 1453            | 1493      |
| Combined Total |            | 1625       |            | 1625        |           | 1321       |           | 1321        |           | 2946            |           |
| AM Peak        | -          | 08:00      | -          | -           | -         | 07:45      | -         | -           | -         | -               | -         |
| Vol.           | -          | 509        | -          | -           | -         | 458        | -         | -           | -         | -               | -         |
| P.H.F.         |            | 0.707      |            |             |           | 0.590      |           |             |           |                 |           |
| PM Peak        | -          | -          | 03:30      | -           | -         | -          | 03:15     | -           | -         | -               | -         |
| Vol.           | -          | -          | 507        | -           | -         | -          | 338       | -           | -         | -               | -         |
| P.H.F.         |            |            | 0.539      |             |           |            | 0.635     |             |           |                 |           |
| Percentage     |            | 46.3%      | 53.7%      |             |           | 53.1%      | 46.9%     |             |           |                 |           |
| ADT/AADT       |            | ADT 3,339  | AADT 3,339 |             |           |            |           |             |           |                 |           |

# Counts Unlimited, Inc.

City of Rancho Mirage  
Rattler Road  
S/ 30th Avenue  
5 Day Directional Volume Count

PO Box 1178  
Corona, CA 92878  
Phone: (951) 268-6268  
email: counts@countsunlimited.com

RNM002  
Site Code: 999-23748

| Start Time     | 8/28/23 Mon | Northbound |           | Hour Totals |           | Southbound |           | Hour Totals |           | Combined Totals |           |
|----------------|-------------|------------|-----------|-------------|-----------|------------|-----------|-------------|-----------|-----------------|-----------|
|                |             | Morning    | Afternoon | Morning     | Afternoon | Morning    | Afternoon | Morning     | Afternoon | Morning         | Afternoon |
| 12:00          |             | 1          | 7         |             |           | 0          | 3         |             |           |                 |           |
| 12:15          |             | 0          | 0         |             |           | 1          | 2         |             |           |                 |           |
| 12:30          |             | 0          | 9         |             |           | 1          | 6         |             |           |                 |           |
| 12:45          |             | 0          | 5         | 1           | 21        | 0          | 2         | 2           | 13        | 3               | 34        |
| 01:00          |             | 0          | 5         |             |           | 0          | 8         |             |           |                 |           |
| 01:15          |             | 0          | 5         |             |           | 0          | 5         |             |           |                 |           |
| 01:30          |             | 1          | 6         |             |           | 0          | 5         |             |           |                 |           |
| 01:45          |             | 0          | 5         | 1           | 21        | 0          | 3         | 0           | 21        | 1               | 42        |
| 02:00          |             | 0          | 3         |             |           | 0          | 4         |             |           |                 |           |
| 02:15          |             | 0          | 10        |             |           | 0          | 6         |             |           |                 |           |
| 02:30          |             | 0          | 10        |             |           | 1          | 11        |             |           |                 |           |
| 02:45          |             | 0          | 13        | 0           | 36        | 0          | 8         | 1           | 29        | 1               | 65        |
| 03:00          |             | 0          | 11        |             |           | 0          | 3         |             |           |                 |           |
| 03:15          |             | 1          | 25        |             |           | 0          | 4         |             |           |                 |           |
| 03:30          |             | 0          | 82        |             |           | 0          | 7         |             |           |                 |           |
| 03:45          |             | 1          | 93        | 2           | 211       | 0          | 160       | 0           | 174       | 2               | 385       |
| 04:00          |             | 0          | 35        |             |           | 0          | 67        |             |           |                 |           |
| 04:15          |             | 1          | 15        |             |           | 0          | 17        |             |           |                 |           |
| 04:30          |             | 2          | 17        |             |           | 0          | 16        |             |           |                 |           |
| 04:45          |             | 0          | 8         | 3           | 75        | 0          | 12        | 0           | 112       | 3               | 187       |
| 05:00          |             | 2          | 15        |             |           | 2          | 21        |             |           |                 |           |
| 05:15          |             | 0          | 10        |             |           | 0          | 17        |             |           |                 |           |
| 05:30          |             | 1          | 14        |             |           | 1          | 14        |             |           |                 |           |
| 05:45          |             | 2          | 17        | 5           | 56        | 0          | 12        | 3           | 64        | 8               | 120       |
| 06:00          |             | 1          | 32        |             |           | 0          | 42        |             |           |                 |           |
| 06:15          |             | 5          | 20        |             |           | 1          | 23        |             |           |                 |           |
| 06:30          |             | 7          | 11        |             |           | 5          | 21        |             |           |                 |           |
| 06:45          |             | 6          | 21        | 19          | 84        | 0          | 23        | 6           | 109       | 25              | 193       |
| 07:00          |             | 6          | 5         |             |           | 1          | 14        |             |           |                 |           |
| 07:15          |             | 12         | 5         |             |           | 6          | 11        |             |           |                 |           |
| 07:30          |             | 21         | 3         |             |           | 6          | 4         |             |           |                 |           |
| 07:45          |             | 30         | 0         | 69          | 13        | 13         | 4         | 26          | 33        | 95              | 46        |
| 08:00          |             | 47         | 1         |             |           | 26         | 3         |             |           |                 |           |
| 08:15          |             | 162        | 1         |             |           | 62         | 3         |             |           |                 |           |
| 08:30          |             | 165        | 1         |             |           | 103        | 3         |             |           |                 |           |
| 08:45          |             | 36         | 1         | 410         | 4         | 39         | 1         | 230         | 10        | 640             | 14        |
| 09:00          |             | 9          | 9         |             |           | 7          | 12        |             |           |                 |           |
| 09:15          |             | 5          | 3         |             |           | 5          | 6         |             |           |                 |           |
| 09:30          |             | 8          | 0         |             |           | 4          | 1         |             |           |                 |           |
| 09:45          |             | 9          | 0         | 31          | 12        | 6          | 1         | 22          | 20        | 53              | 32        |
| 10:00          |             | 9          | 0         |             |           | 4          | 0         |             |           |                 |           |
| 10:15          |             | 4          | 3         |             |           | 4          | 1         |             |           |                 |           |
| 10:30          |             | 5          | 2         |             |           | 3          | 0         |             |           |                 |           |
| 10:45          |             | 6          | 1         | 24          | 6         | 0          | 1         | 11          | 2         | 35              | 8         |
| 11:00          |             | 4          | 0         |             |           | 3          | 4         |             |           |                 |           |
| 11:15          |             | 5          | 3         |             |           | 6          | 0         |             |           |                 |           |
| 11:30          |             | 4          | 0         |             |           | 3          | 1         |             |           |                 |           |
| 11:45          |             | 5          | 1         | 18          | 4         | 0          | 1         | 12          | 6         | 30              | 10        |
| Total          |             | 583        | 543       | 583         | 543       | 313        | 593       | 313         | 593       | 896             | 1136      |
| Combined Total |             | 1126       |           | 1126        |           | 906        |           | 906         |           | 2032            |           |
| AM Peak        | -           | 08:00      | -         | -           | -         | 08:00      | -         | -           | -         | -               | -         |
| Vol.           | -           | 410        | -         | -           | -         | 230        | -         | -           | -         | -               | -         |
| P.H.F.         |             | 0.621      |           |             |           | 0.558      |           |             |           |                 |           |
| PM Peak        | -           | -          | 03:15     | -           | -         | -          | 03:45     | -           | -         | -               | -         |
| Vol.           | -           | -          | 235       | -           | -         | -          | 260       | -           | -         | -               | -         |
| P.H.F.         |             |            | 0.632     |             |           |            | 0.406     |             |           |                 |           |
| Percentage     |             | 51.8%      | 48.2%     |             |           | 34.5%      | 65.5%     |             |           |                 |           |

# Counts Unlimited, Inc.

City of Rancho Mirage  
Rattler Road  
S/ 30th Avenue  
5 Day Directional Volume Count

PO Box 1178  
Corona, CA 92878  
Phone: (951) 268-6268  
email: counts@countsunlimited.com

RNM002  
Site Code: 999-23748

| Start Time     | 8/29/23<br>Tue | Northbound |           | Hour Totals |           | Southbound |           | Hour Totals |           | Combined Totals |           |
|----------------|----------------|------------|-----------|-------------|-----------|------------|-----------|-------------|-----------|-----------------|-----------|
|                |                | Morning    | Afternoon | Morning     | Afternoon | Morning    | Afternoon | Morning     | Afternoon | Morning         | Afternoon |
| 12:00          |                | 0          | 4         |             |           | 0          | 2         |             |           |                 |           |
| 12:15          |                | 1          | 4         |             |           | 0          | 3         |             |           |                 |           |
| 12:30          |                | 0          | 3         |             |           | 1          | 8         |             |           |                 |           |
| 12:45          |                | 0          | 1         | 1           | 12        | 0          | 5         | 1           | 18        | 2               | 30        |
| 01:00          |                | 0          | 5         |             |           | 0          | 3         |             |           |                 |           |
| 01:15          |                | 0          | 9         |             |           | 0          | 3         |             |           |                 |           |
| 01:30          |                | 0          | 6         |             |           | 0          | 7         |             |           |                 |           |
| 01:45          |                | 0          | 6         | 0           | 26        | 0          | 5         | 0           | 18        | 0               | 44        |
| 02:00          |                | 0          | 7         |             |           | 0          | 7         |             |           |                 |           |
| 02:15          |                | 0          | 5         |             |           | 0          | 2         |             |           |                 |           |
| 02:30          |                | 0          | 8         |             |           | 0          | 7         |             |           |                 |           |
| 02:45          |                | 0          | 12        | 0           | 32        | 0          | 10        | 0           | 26        | 0               | 58        |
| 03:00          |                | 0          | 16        |             |           | 0          | 8         |             |           |                 |           |
| 03:15          |                | 0          | 32        |             |           | 0          | 7         |             |           |                 |           |
| 03:30          |                | 1          | 78        |             |           | 0          | 8         |             |           |                 |           |
| 03:45          |                | 1          | 101       | 2           | 227       | 0          | 179       | 0           | 202       | 2               | 429       |
| 04:00          |                | 1          | 51        |             |           | 0          | 69        |             |           |                 |           |
| 04:15          |                | 1          | 13        |             |           | 0          | 29        |             |           |                 |           |
| 04:30          |                | 1          | 14        |             |           | 0          | 17        |             |           |                 |           |
| 04:45          |                | 0          | 12        | 3           | 90        | 0          | 11        | 0           | 126       | 3               | 216       |
| 05:00          |                | 2          | 18        |             |           | 0          | 16        |             |           |                 |           |
| 05:15          |                | 0          | 14        |             |           | 0          | 27        |             |           |                 |           |
| 05:30          |                | 0          | 10        |             |           | 0          | 9         |             |           |                 |           |
| 05:45          |                | 1          | 12        | 3           | 54        | 0          | 10        | 0           | 62        | 3               | 116       |
| 06:00          |                | 5          | 19        |             |           | 0          | 22        |             |           |                 |           |
| 06:15          |                | 2          | 20        |             |           | 1          | 24        |             |           |                 |           |
| 06:30          |                | 10         | 21        |             |           | 3          | 35        |             |           |                 |           |
| 06:45          |                | 9          | 17        | 26          | 77        | 3          | 20        | 7           | 101       | 33              | 178       |
| 07:00          |                | 9          | 11        |             |           | 1          | 11        |             |           |                 |           |
| 07:15          |                | 15         | 4         |             |           | 7          | 13        |             |           |                 |           |
| 07:30          |                | 23         | 3         |             |           | 8          | 18        |             |           |                 |           |
| 07:45          |                | 41         | 5         | 88          | 23        | 13         | 2         | 29          | 44        | 117             | 67        |
| 08:00          |                | 62         | 5         |             |           | 23         | 4         |             |           |                 |           |
| 08:15          |                | 156        | 8         |             |           | 69         | 12        |             |           |                 |           |
| 08:30          |                | 162        | 3         |             |           | 79         | 1         |             |           |                 |           |
| 08:45          |                | 39         | 0         | 419         | 16        | 36         | 3         | 207         | 20        | 626             | 36        |
| 09:00          |                | 10         | 3         |             |           | 3          | 3         |             |           |                 |           |
| 09:15          |                | 7          | 2         |             |           | 1          | 3         |             |           |                 |           |
| 09:30          |                | 9          | 1         |             |           | 2          | 0         |             |           |                 |           |
| 09:45          |                | 11         | 2         | 37          | 8         | 4          | 0         | 10          | 6         | 47              | 14        |
| 10:00          |                | 1          | 1         |             |           | 5          | 1         |             |           |                 |           |
| 10:15          |                | 6          | 1         |             |           | 1          | 0         |             |           |                 |           |
| 10:30          |                | 2          | 0         |             |           | 1          | 3         |             |           |                 |           |
| 10:45          |                | 4          | 3         | 13          | 5         | 2          | 0         | 9           | 4         | 22              | 9         |
| 11:00          |                | 4          | 3         |             |           | 2          | 3         |             |           |                 |           |
| 11:15          |                | 5          | 0         |             |           | 3          | 0         |             |           |                 |           |
| 11:30          |                | 2          | 0         |             |           | 3          | 2         |             |           |                 |           |
| 11:45          |                | 1          | 0         | 12          | 3         | 1          | 0         | 9           | 5         | 21              | 8         |
| Total          |                | 604        | 573       | 604         | 573       | 272        | 632       | 272         | 632       | 876             | 1205      |
| Combined Total |                | 1177       |           | 1177        |           | 904        |           | 904         |           | 2081            |           |
| AM Peak        | -              | 07:45      | -         | -           | -         | 08:00      | -         | -           | -         | -               | -         |
| Vol.           | -              | 421        | -         | -           | -         | 207        | -         | -           | -         | -               | -         |
| P.H.F.         |                | 0.650      |           |             |           | 0.655      |           |             |           |                 |           |
| PM Peak        | -              | -          | 03:15     | -           | -         | -          | 03:45     | -           | -         | -               | -         |
| Vol.           | -              | -          | 262       | -           | -         | -          | 294       | -           | -         | -               | -         |
| P.H.F.         |                |            | 0.649     |             |           |            | 0.411     |             |           |                 |           |
| Percentage     |                | 51.3%      | 48.7%     |             |           | 30.1%      | 69.9%     |             |           |                 |           |

# Counts Unlimited, Inc.

City of Rancho Mirage  
Rattler Road  
S/ 30th Avenue  
5 Day Directional Volume Count

PO Box 1178  
Corona, CA 92878  
Phone: (951) 268-6268  
email: counts@countsunlimited.com

RNM002  
Site Code: 999-23748

| Start Time     | 8/30/23<br>Wed | Northbound |           | Hour Totals |           | Southbound |           | Hour Totals |           | Combined Totals |           |
|----------------|----------------|------------|-----------|-------------|-----------|------------|-----------|-------------|-----------|-----------------|-----------|
|                |                | Morning    | Afternoon | Morning     | Afternoon | Morning    | Afternoon | Morning     | Afternoon | Morning         | Afternoon |
| 12:00          |                | 0          | 6         |             |           | 0          | 4         |             |           |                 |           |
| 12:15          |                | 1          | 1         |             |           | 0          | 6         |             |           |                 |           |
| 12:30          |                | 0          | 2         |             |           | 1          | 8         |             |           |                 |           |
| 12:45          |                | 0          | 8         | 1           | 17        | 0          | 7         | 1           | 25        | 2               | 42        |
| 01:00          |                | 0          | 5         |             |           | 0          | 6         |             |           |                 |           |
| 01:15          |                | 0          | 5         |             |           | 1          | 12        |             |           |                 |           |
| 01:30          |                | 1          | 2         |             |           | 0          | 1         |             |           |                 |           |
| 01:45          |                | 0          | 3         | 1           | 15        | 0          | 11        | 1           | 30        | 2               | 45        |
| 02:00          |                | 0          | 9         |             |           | 0          | 9         |             |           |                 |           |
| 02:15          |                | 0          | 4         |             |           | 0          | 5         |             |           |                 |           |
| 02:30          |                | 0          | 3         |             |           | 0          | 8         |             |           |                 |           |
| 02:45          |                | 0          | 10        | 0           | 26        | 0          | 5         | 0           | 27        | 0               | 53        |
| 03:00          |                | 0          | 9         |             |           | 0          | 16        |             |           |                 |           |
| 03:15          |                | 0          | 5         |             |           | 0          | 52        |             |           |                 |           |
| 03:30          |                | 1          | 13        |             |           | 1          | 109       |             |           |                 |           |
| 03:45          |                | 1          | 168       | 2           | 195       | 2          | 74        | 3           | 251       | 5               | 446       |
| 04:00          |                | 0          | 90        |             |           | 2          | 40        |             |           |                 |           |
| 04:15          |                | 0          | 25        |             |           | 0          | 16        |             |           |                 |           |
| 04:30          |                | 0          | 10        |             |           | 0          | 12        |             |           |                 |           |
| 04:45          |                | 0          | 10        | 0           | 135       | 3          | 18        | 5           | 86        | 5               | 221       |
| 05:00          |                | 0          | 4         |             |           | 0          | 4         |             |           |                 |           |
| 05:15          |                | 0          | 11        |             |           | 0          | 8         |             |           |                 |           |
| 05:30          |                | 0          | 9         |             |           | 1          | 8         |             |           |                 |           |
| 05:45          |                | 0          | 7         | 0           | 31        | 3          | 21        | 4           | 41        | 4               | 72        |
| 06:00          |                | 0          | 9         |             |           | 2          | 16        |             |           |                 |           |
| 06:15          |                | 0          | 27        |             |           | 5          | 13        |             |           |                 |           |
| 06:30          |                | 0          | 7         |             |           | 6          | 8         |             |           |                 |           |
| 06:45          |                | 2          | 7         | 2           | 50        | 10         | 13        | 23          | 50        | 25              | 100       |
| 07:00          |                | 2          | 16        |             |           | 6          | 21        |             |           |                 |           |
| 07:15          |                | 2          | 7         |             |           | 8          | 25        |             |           |                 |           |
| 07:30          |                | 2          | 22        |             |           | 3          | 10        |             |           |                 |           |
| 07:45          |                | 5          | 14        | 11          | 59        | 18         | 9         | 35          | 65        | 46              | 124       |
| 08:00          |                | 12         | 16        |             |           | 25         | 6         |             |           |                 |           |
| 08:15          |                | 14         | 3         |             |           | 28         | 1         |             |           |                 |           |
| 08:30          |                | 2          | 1         |             |           | 19         | 1         |             |           |                 |           |
| 08:45          |                | 6          | 3         | 34          | 23        | 19         | 2         | 91          | 10        | 125             | 33        |
| 09:00          |                | 9          | 0         |             |           | 16         | 3         |             |           |                 |           |
| 09:15          |                | 6          | 1         |             |           | 25         | 1         |             |           |                 |           |
| 09:30          |                | 10         | 0         |             |           | 33         | 4         |             |           |                 |           |
| 09:45          |                | 49         | 1         | 74          | 2         | 92         | 0         | 166         | 8         | 240             | 10        |
| 10:00          |                | 63         | 3         |             |           | 176        | 1         |             |           |                 |           |
| 10:15          |                | 82         | 1         |             |           | 86         | 0         |             |           |                 |           |
| 10:30          |                | 17         | 0         |             |           | 24         | 2         |             |           |                 |           |
| 10:45          |                | 1          | 0         | 163         | 4         | 11         | 2         | 297         | 5         | 460             | 9         |
| 11:00          |                | 9          | 3         |             |           | 5          | 1         |             |           |                 |           |
| 11:15          |                | 1          | 0         |             |           | 6          | 2         |             |           |                 |           |
| 11:30          |                | 6          | 0         |             |           | 6          | 0         |             |           |                 |           |
| 11:45          |                | 6          | 1         | 22          | 4         | 9          | 0         | 26          | 3         | 48              | 7         |
| Total          |                | 310        | 561       | 310         | 561       | 652        | 601       | 652         | 601       | 962             | 1162      |
| Combined Total |                | 871        |           | 871         |           | 1253       |           | 1253        |           | 2124            |           |
| AM Peak        | -              | 09:45      | -         | -           | -         | 09:30      | -         | -           | -         | -               | -         |
| Vol.           | -              | 211        | -         | -           | -         | 387        | -         | -           | -         | -               | -         |
| P.H.F.         |                | 0.643      |           |             |           | 0.550      |           |             |           |                 |           |
| PM Peak        | -              | -          | 03:30     | -           | -         | -          | 03:15     | -           | -         | -               | -         |
| Vol.           | -              | -          | 296       | -           | -         | -          | 275       | -           | -         | -               | -         |
| P.H.F.         |                |            | 0.440     |             |           |            | 0.631     |             |           |                 |           |
| Percentage     |                | 35.6%      | 64.4%     |             |           | 52.0%      | 48.0%     |             |           |                 |           |

# Counts Unlimited, Inc.

City of Rancho Mirage  
Rattler Road  
S/ 30th Avenue  
5 Day Directional Volume Count

PO Box 1178  
Corona, CA 92878  
Phone: (951) 268-6268  
email: counts@countsunlimited.com

RNM002  
Site Code: 999-23748

| Start Time     | 8/31/23 Thu | Northbound |           | Hour Totals |           | Southbound |           | Hour Totals |           | Combined Totals |           |
|----------------|-------------|------------|-----------|-------------|-----------|------------|-----------|-------------|-----------|-----------------|-----------|
|                |             | Morning    | Afternoon | Morning     | Afternoon | Morning    | Afternoon | Morning     | Afternoon | Morning         | Afternoon |
| 12:00          |             | 0          | 7         |             |           | 1          | 5         |             |           |                 |           |
| 12:15          |             | 1          | 3         |             |           | 0          | 3         |             |           |                 |           |
| 12:30          |             | 1          | 2         |             |           | 1          | 10        |             |           |                 |           |
| 12:45          |             | 0          | 2         | 2           | 14        | 1          | 7         | 3           | 25        | 5               | 39        |
| 01:00          |             | 0          | 4         |             |           | 0          | 2         |             |           |                 |           |
| 01:15          |             | 0          | 3         |             |           | 0          | 4         |             |           |                 |           |
| 01:30          |             | 0          | 5         |             |           | 0          | 8         |             |           |                 |           |
| 01:45          |             | 1          | 6         | 1           | 18        | 0          | 1         | 0           | 15        | 1               | 33        |
| 02:00          |             | 1          | 4         |             |           | 0          | 5         |             |           |                 |           |
| 02:15          |             | 1          | 7         |             |           | 0          | 10        |             |           |                 |           |
| 02:30          |             | 0          | 14        |             |           | 0          | 13        |             |           |                 |           |
| 02:45          |             | 1          | 13        | 3           | 38        | 0          | 11        | 0           | 39        | 3               | 77        |
| 03:00          |             | 0          | 5         |             |           | 1          | 8         |             |           |                 |           |
| 03:15          |             | 0          | 3         |             |           | 1          | 38        |             |           |                 |           |
| 03:30          |             | 0          | 11        |             |           | 0          | 89        |             |           |                 |           |
| 03:45          |             | 0          | 142       | 0           | 161       | 0          | 118       | 2           | 253       | 2               | 414       |
| 04:00          |             | 0          | 66        |             |           | 0          | 44        |             |           |                 |           |
| 04:15          |             | 0          | 33        |             |           | 1          | 26        |             |           |                 |           |
| 04:30          |             | 0          | 24        |             |           | 0          | 20        |             |           |                 |           |
| 04:45          |             | 0          | 13        | 0           | 136       | 0          | 15        | 1           | 105       | 1               | 241       |
| 05:00          |             | 0          | 17        |             |           | 2          | 8         |             |           |                 |           |
| 05:15          |             | 0          | 7         |             |           | 0          | 10        |             |           |                 |           |
| 05:30          |             | 0          | 12        |             |           | 1          | 19        |             |           |                 |           |
| 05:45          |             | 1          | 14        | 1           | 50        | 0          | 21        | 3           | 58        | 4               | 108       |
| 06:00          |             | 1          | 21        |             |           | 3          | 16        |             |           |                 |           |
| 06:15          |             | 1          | 14        |             |           | 4          | 19        |             |           |                 |           |
| 06:30          |             | 3          | 8         |             |           | 11         | 34        |             |           |                 |           |
| 06:45          |             | 2          | 29        | 7           | 72        | 8          | 64        | 26          | 133       | 33              | 205       |
| 07:00          |             | 3          | 20        |             |           | 6          | 51        |             |           |                 |           |
| 07:15          |             | 4          | 26        |             |           | 14         | 36        |             |           |                 |           |
| 07:30          |             | 9          | 12        |             |           | 25         | 15        |             |           |                 |           |
| 07:45          |             | 20         | 11        | 36          | 69        | 43         | 9         | 88          | 111       | 124             | 180       |
| 08:00          |             | 38         | 10        |             |           | 78         | 10        |             |           |                 |           |
| 08:15          |             | 55         | 11        |             |           | 165        | 6         |             |           |                 |           |
| 08:30          |             | 90         | 11        |             |           | 153        | 13        |             |           |                 |           |
| 08:45          |             | 39         | 11        | 222         | 43        | 29         | 10        | 425         | 39        | 647             | 82        |
| 09:00          |             | 4          | 15        |             |           | 10         | 15        |             |           |                 |           |
| 09:15          |             | 4          | 15        |             |           | 4          | 18        |             |           |                 |           |
| 09:30          |             | 5          | 57        |             |           | 18         | 33        |             |           |                 |           |
| 09:45          |             | 3          | 87        | 16          | 174       | 7          | 36        | 39          | 102       | 55              | 276       |
| 10:00          |             | 3          | 57        |             |           | 5          | 12        |             |           |                 |           |
| 10:15          |             | 1          | 2         |             |           | 6          | 5         |             |           |                 |           |
| 10:30          |             | 3          | 7         |             |           | 4          | 1         |             |           |                 |           |
| 10:45          |             | 2          | 0         | 9           | 66        | 11         | 1         | 26          | 19        | 35              | 85        |
| 11:00          |             | 2          | 4         |             |           | 5          | 2         |             |           |                 |           |
| 11:15          |             | 4          | 0         |             |           | 4          | 0         |             |           |                 |           |
| 11:30          |             | 5          | 0         |             |           | 1          | 0         |             |           |                 |           |
| 11:45          |             | 0          | 0         | 11          | 4         | 7          | 0         | 17          | 2         | 28              | 6         |
| Total          |             | 308        | 845       | 308         | 845       | 630        | 901       | 630         | 901       | 938             | 1746      |
| Combined Total |             | 1153       |           | 1153        |           | 1531       |           | 1531        |           | 2684            |           |
| AM Peak        | -           | 08:00      | -         | -           | -         | 07:45      | -         | -           | -         | -               | -         |
| Vol.           | -           | 222        | -         | -           | -         | 439        | -         | -           | -         | -               | -         |
| P.H.F.         |             | 0.617      |           |             |           | 0.665      |           |             |           |                 |           |
| PM Peak        | -           | -          | 03:45     | -           | -         | -          | 03:15     | -           | -         | -               | -         |
| Vol.           | -           | -          | 265       | -           | -         | -          | 289       | -           | -         | -               | -         |
| P.H.F.         |             |            | 0.467     |             |           |            | 0.612     |             |           |                 |           |
| Percentage     |             | 26.7%      | 73.3%     |             |           | 41.1%      | 58.9%     |             |           |                 |           |

# Counts Unlimited, Inc.

City of Rancho Mirage  
Rattler Road  
S/ 30th Avenue  
5 Day Directional Volume Count

PO Box 1178  
Corona, CA 92878  
Phone: (951) 268-6268  
email: counts@countsunlimited.com

RNM002  
Site Code: 999-23748

| Start Time     | 9/1/23 Fri | Northbound |           | Hour Totals |           | Southbound |           | Hour Totals |           | Combined Totals |           |
|----------------|------------|------------|-----------|-------------|-----------|------------|-----------|-------------|-----------|-----------------|-----------|
|                |            | Morning    | Afternoon | Morning     | Afternoon | Morning    | Afternoon | Morning     | Afternoon | Morning         | Afternoon |
| 12:00          |            | 0          | 2         |             |           | 1          | 9         |             |           |                 |           |
| 12:15          |            | 0          | 4         |             |           | 0          | 8         |             |           |                 |           |
| 12:30          |            | 0          | 0         |             |           | 0          | 5         |             |           |                 |           |
| 12:45          |            | 2          | 3         | 2           | 9         | 1          | 10        | 2           | 32        | 4               | 41        |
| 01:00          |            | 0          | 6         |             |           | 0          | 6         |             |           |                 |           |
| 01:15          |            | 0          | 3         |             |           | 0          | 3         |             |           |                 |           |
| 01:30          |            | 1          | 3         |             |           | 0          | 9         |             |           |                 |           |
| 01:45          |            | 0          | 5         | 1           | 17        | 1          | 7         | 1           | 25        | 2               | 42        |
| 02:00          |            | 0          | 6         |             |           | 0          | 5         |             |           |                 |           |
| 02:15          |            | 1          | 2         |             |           | 2          | 8         |             |           |                 |           |
| 02:30          |            | 0          | 13        |             |           | 0          | 8         |             |           |                 |           |
| 02:45          |            | 0          | 5         | 1           | 26        | 0          | 7         | 2           | 28        | 3               | 54        |
| 03:00          |            | 0          | 4         |             |           | 0          | 12        |             |           |                 |           |
| 03:15          |            | 0          | 4         |             |           | 1          | 35        |             |           |                 |           |
| 03:30          |            | 0          | 7         |             |           | 0          | 98        |             |           |                 |           |
| 03:45          |            | 0          | 122       | 0           | 137       | 0          | 105       | 1           | 250       | 1               | 387       |
| 04:00          |            | 0          | 91        |             |           | 0          | 56        |             |           |                 |           |
| 04:15          |            | 0          | 48        |             |           | 1          | 27        |             |           |                 |           |
| 04:30          |            | 0          | 12        |             |           | 0          | 11        |             |           |                 |           |
| 04:45          |            | 0          | 14        | 0           | 165       | 0          | 11        | 1           | 105       | 1               | 270       |
| 05:00          |            | 0          | 27        |             |           | 2          | 18        |             |           |                 |           |
| 05:15          |            | 0          | 22        |             |           | 0          | 30        |             |           |                 |           |
| 05:30          |            | 0          | 26        |             |           | 1          | 17        |             |           |                 |           |
| 05:45          |            | 0          | 13        | 0           | 88        | 1          | 8         | 4           | 73        | 4               | 161       |
| 06:00          |            | 0          | 4         |             |           | 3          | 5         |             |           |                 |           |
| 06:15          |            | 1          | 3         |             |           | 4          | 4         |             |           |                 |           |
| 06:30          |            | 4          | 2         |             |           | 9          | 3         |             |           |                 |           |
| 06:45          |            | 1          | 3         | 6           | 12        | 9          | 4         | 25          | 16        | 31              | 28        |
| 07:00          |            | 3          | 1         |             |           | 5          | 2         |             |           |                 |           |
| 07:15          |            | 3          | 2         |             |           | 11         | 2         |             |           |                 |           |
| 07:30          |            | 5          | 2         |             |           | 24         | 1         |             |           |                 |           |
| 07:45          |            | 21         | 1         | 32          | 6         | 40         | 0         | 80          | 5         | 112             | 11        |
| 08:00          |            | 27         | 0         |             |           | 66         | 0         |             |           |                 |           |
| 08:15          |            | 61         | 0         |             |           | 142        | 0         |             |           |                 |           |
| 08:30          |            | 78         | 0         |             |           | 165        | 1         |             |           |                 |           |
| 08:45          |            | 30         | 1         | 196         | 1         | 21         | 0         | 394         | 1         | 590             | 2         |
| 09:00          |            | 8          | 1         |             |           | 9          | 0         |             |           |                 |           |
| 09:15          |            | 4          | 2         |             |           | 6          | 2         |             |           |                 |           |
| 09:30          |            | 2          | 1         |             |           | 18         | 1         |             |           |                 |           |
| 09:45          |            | 9          | 0         | 23          | 4         | 6          | 2         | 39          | 5         | 62              | 9         |
| 10:00          |            | 4          | 1         |             |           | 6          | 1         |             |           |                 |           |
| 10:15          |            | 2          | 2         |             |           | 2          | 0         |             |           |                 |           |
| 10:30          |            | 0          | 1         |             |           | 8          | 0         |             |           |                 |           |
| 10:45          |            | 4          | 0         | 10          | 4         | 6          | 0         | 22          | 1         | 32              | 5         |
| 11:00          |            | 5          | 3         |             |           | 0          | 0         |             |           |                 |           |
| 11:15          |            | 3          | 1         |             |           | 1          | 1         |             |           |                 |           |
| 11:30          |            | 5          | 1         |             |           | 3          | 0         |             |           |                 |           |
| 11:45          |            | 3          | 0         | 16          | 5         | 9          | 0         | 13          | 1         | 29              | 6         |
| Total          |            | 287        | 474       | 287         | 474       | 584        | 542       | 584         | 542       | 871             | 1016      |
| Combined Total |            | 761        |           | 761         |           | 1126       |           | 1126        |           | 1887            |           |
| AM Peak        | -          | 08:00      | -         | -           | -         | 07:45      | -         | -           | -         | -               | -         |
| Vol.           | -          | 196        | -         | -           | -         | 413        | -         | -           | -         | -               | -         |
| P.H.F.         |            | 0.628      |           |             |           | 0.626      |           |             |           |                 |           |
| PM Peak        | -          | -          | 03:45     | -           | -         | -          | 03:15     | -           | -         | -               | -         |
| Vol.           | -          | -          | 273       | -           | -         | -          | 294       | -           | -         | -               | -         |
| P.H.F.         |            |            | 0.559     |             |           |            | 0.700     |             |           |                 |           |
| Percentage     |            | 37.7%      | 62.3%     |             |           | 51.9%      | 48.1%     |             |           |                 |           |
| ADT/AADT       |            | ADT 2,162  |           | AADT 2,162  |           |            |           |             |           |                 |           |